Sequence 6551, Ap Sequence 101, App Sequence 102, App Sequence 8965, Ap	Patent No. 5455029	23,	Sequence 5681, Ap	Sequence 5683, Ap	Sequence 5684, Ap Sequence 5685, Ap	Sequence 5686, Ap	Sequence 5688, Ap	Sequence 5689, Ap	Sequence 5691, Ap	sequence 5692, Ap Sequence 5693, Ap	Sequence 5694, Ap	Sequence 3033, Ap Sequence 2411, Ap	Sequence 36106, A	Sequence 4451/, A	Sequence 45378, A	Sequence 68099, A	Sequence 79028, A	Sequence 79029, A Sequence 79030, A	Sequence 85792, A	Sequence 109088,	Sequence 119309,	Sequence 32, Appl Sequence 21, Appl	Sequence 28, Appl	Sequence 4, Applia	Sequence 1, Appli	Sequence 9, Appli Sequence 14, Appl	Sequence 8, Appli	Sequence 36, Appl Sequence 1. Appli	Patent No. 5455029	Patent No. 5455029	Sequence 18, Appl	Sequence 4, Appli	Sequence 4, Appli	Sequence 27, Appit	Sequence 34, Appl	Sequence 27, Appl	Sequence 27, Appl	Sequence 34, Appl	Sequence 40, Appl	Sequence 1, Appli Sequence 1, Appli	Sequence 10, Appl	equence	equence	equence	quence	יין מיין
4 US-09-422-978-6551 4 US-09-774-809-101 4 US-09-774-809-102 4 US-09-774-809-102 6 US-09-778-8965	5455029-26	US-09-086-2/4-6 US-09-245-248B-23 US-09-866-108A-56	US-09-866-108A-5	US-09-866-108A-56	US-09-866-108A-56 US-09-866-108A-56	US-09-866-108A-56	US-09-866-108A-56	US-09-866-108A-56	US-09-866-108A-56	US-09-866-108A-56 US-09-866-108A-56	US-09-866-108A-56	US-09-866-108A-50 US-09-396-196G-24	US-09-396-196G-36	US-09-396-196G-44	US-09-396-196G-4	US-09-396-196G-68 US-09-396-196G-68	US-09-396-196G-7	US-09-396-196G-79 US-09-396-196G-79	US-09-396-196G-85792	US-09-396-196G-10	US-09-396-196G-11930	US-09-417-485D-3 US-08-932-140C-2	US-09-486-623C-2	n-sn	US-09-231-077D-	0-80	US-09-383-143-8	0-80	5455	5455	O-SD	ns-o	O-SD	o-sn	us-o	US-08-675-502-2	ng-o-sn	US-09-245-802-34	us-o	118-0	US-09-383-143-1	US-08-881-094-3	US-0	US-09-422-978-2	US-09-383-143-12	1-761-808-00-00
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GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.	nucleic search, using sw model	1 to 1	יים יים יים יים יים מארמרים א	2-03-030-03	1 gagtatgag 9	IDENTITY NUC	order of the state	.202/84 Begg, Biblishiyy residnes	hits satisfying chosen parameters: 1407054		length: 200	Minimum Match 0%	Match 100%	Libring lirst 100 summaries	168			4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:* 5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*		ance to have	or equal to the score of the result being pri	derived by analysis of the total score distribution.	SUMMARIES	Ouerv	Length DB ID Descriptio	9 3 US-09-048-927-1 Sequence 1.	00.0 15 3 US-09-049-190-6 Sequence 6,) 15 3 US-09-049-130-7) 15 3 US-08-932-140C-6 Semience 6.) 15 3 US-08-932-140C-7 Sequence 7,	15 4 US-09-486-623C-6 Sequence 6,) IS 4 US-US-486-623C-/ Sequence /,) 17 1 US-08-758-306-365 Sequence 36) 17 1 US-08-758-306-367 Sequence 36) 17 1 US-08-758-306-369 Sequence 36	17 1 US-08-730-371 Sequence 37.	17 4 US-09-866-108A-2751 Sequence 27) 17 4 US-09-866-108A-2752 Sequence 27:	17 4 US-09-866-108A-2754 Sequence 27	17 4 US-09-866-108A-2755 Sequence 27	17 4 US-09-866-108A-2756 Sequence 27	17 4 US-09-866-108A-2757 Sequence 27.	20 3 US-09-287-796-101 Sequence 10	20 3 US-09-287-796-102 Sequence 10) 20 3 US-09-130-616-101 Sequence 10:	20 3 US-09-130-818-102 Sequence 15	29	10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -

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OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORWATION: Dackbone FRATURE: NAME/KRY: Modified-site LOCATION: 12
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OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
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NAME/KEY: Modified-site LOCATION: 10
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NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
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NAME/KEY: Modified-site
LOCATION: 5
COTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
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LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                              LOCATION: 1
COTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
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NAME/KEY: Modified-site
LOCATION: 3
COTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
TELEPHONE: 215-568-3100
TELEPAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
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NAME/KEY: Modified-site
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NAME/KEY: Modified-site
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                                                                                                                                                      TYPE: nucleic acid
STRANDENESS: single
TOPOLOGY: linear
FEATURE:
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Sequence 1, Application US/09048927

Patent NO. 6147056

GENERAL INFORMATION:
APPLICANT: Stat. Mina
APPLICANT: Wark
TITLE OF INVENTION: Which APPLICATION UNMER: US/09/048,927

CURRENT PILING DATE: 1998-00-26

BARLIER APPLICATION NUMBER: 08/952,697

EARLIER PILING DATE: 1996-06-03

BARLIER PILING DATE: 1995-06-06

NUMBER: OF SEQ ID NOS: 4

SEQ ID NO: 1

LENGTHARE: FLANG DATE: 1995-06-06

NUMBER: PERFECT FLANG DATE: 1995-06-06

SEQ ID NO: 1

LENGTHARE: FLANG DATE: US/09/048 VERSION 3.0
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; Sequence 6, Application US/09049190
; Patent No. 6190666;
; Patent No. 6190666;
; Patent No. 6190666;
; Patent No. 6190666;
; Patent No. 61906810;
; TITLE OF INVENTION: Peptide Nucleic Acids Having TITLE OF INVENTION: Antibacterial Activity NUMBER OF SEQUENCES: 20
CORRESPONDENCES: 20
CORRESPONDENCE ADDRESS: 100 No. 1.0 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 9; DB 3; Le
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 9; Conservative 0; Mismatches 0;
                                                                                                    ALIGNMENTS
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ATTORNEY/AGENT INFORMATION:
NAME: JOHN W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2560
TELECOMMUNICATION INFORMAȚION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:

CTHER INFORMATION: DNA Fragment

US-09-048-927-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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Gaps
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OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone FEATURE:
NAME/KEY: Modified-site
                                      N-acetyl (2-aminoethyl) glycine
backbone
                                                                                        FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER: NFORMATION: backbone
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LOCATION: 5
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
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OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
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LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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backbone
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OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
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Best Local Similarity 100.
Matches 9; Conservative
    NAME/KEY: Modified-e
LOCATION: 3
OTHER INFORMATION: 1
OTHER INFORMATION: 1
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OTHER INFORMATION:
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OTHER INFORMATION:

COTHER INFORMATION:

US-09-049-190-7
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OTHER INFORMATION:
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backbone
                                                                                                                                                                                                                                                                Query Match 100.0%; Score 9; DB 3; Length 15; Best Local Similarity 100.0%; Pred. No. 5.6e+03; Matches 9; Conservative 0; Mismatches 0; Indels
PRATURE:

NAME/KEY:
MODIFIED-SITE

LOCATION: 14
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
CTHER INFORMATION: backbone
FRATURE:
NAME/KEY: Modified-site
LOCATION: 15
COTHER INFORMATION: N-[acetyl (2-aminoethyl)]-C-lysine
CTHER INFORMATION: backbone
US-09-049-190-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-049-190-7/c

i Sequence 7, Application US/09049190

i Patent No. 6190866

i GENERAL INFORMATION:

APPLICANT: Nielsen et al.

TITLE OF INVENTION: Antibacterial Activity

NUMBER OF SEQUENCES: 20

CORRESPONDENCE ADDRESS:

ADDRESSER: Woodcock Washburn Kurtz Mackiewicz

STREET: One Liberty Place - 46th Floor

CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  N-acetyl (2-aminoethyl) glycine
backbone
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backbone
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ZIP: 19103
ZIP: 19103
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,190
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
CLASSIFICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
ATTORNEY FAGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCES/DOCKET NUMBER: ISIG-
TELECOMMUNICATION:
TELEPHONE: 215-568-3100
TELEPAX: 215-568-3100
TELEPAX: 215-568-3100
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE GHARACTERISTICS:
LENGTH: 15 Dases
LENGTH: 15 Dases
TYPE: nucleic acid
STRANDEDNESS: single
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LOCATION: 2
OTHER INFORMATION: N-acety
OTHER INFORMATION: backbon
PEATURE:
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OTHER INFORMATION: N-ace
OTHER INFORMATION: backt
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                     LOCATION: 8
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine backbone
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OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
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OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
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NAMES/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
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Patent No. 6300318
GENERAL INFORMATION:
APPLICANT: Nielsen et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESSE: Woodcock Washburn Kurtz Mackiewicz & ADDRESSEE: No. 6300318ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-OTHER INFORMATION: lysine-glycine backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 9; DB 3; Lilarity 100.0%; Pred. No. 5.6e+03; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/O8/932,140C
FILING DATE: Septemeber 16, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
NAME/KEY: Modified-site
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NAME/KEY: Modified-site
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STATE: PA
COUNTRY: U.S.A.
T.D: 19103
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Best Local Similarity
Matches 9; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  11 GAGTATGAG
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:

CLASSIFICATION:

us-09-540-843-1.rni

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OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                   N-acetyl (2-aminoethyl) glycine
backbone
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backbone
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backbone
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backbone
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backbone
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backbone
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backbone
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backbone
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backbone
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                                                               ISIS-2560
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwall
REGISTRATION NUBBER: 28,937
REFERENCE/DOCKET NUMBER: 1515-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEPAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Modified-site
LOCATION: 11
OTHER INPORMATION: N-acet:
OTHER INFORMATION: backbon
FEATURE:
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LOCATION: 9
OTHER INFORMATION: N-ace
OTHER INFORMATION: backb
                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: N-ace
OTHER INFORMATION: backb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-ace
OTHER INFORMATION: backb
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LOCATION: 10
OTHER INFORMATION: N-ace
OTHER INFORMATION: backb
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    NAME/KEY: Modified-site
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LOCATION: 9
OTHER INFORMATION: N-ace
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                                                                                                                                                                                                                                                            NAME/KEY: Modified-site LOCATION: 1
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OTHER INFORMATION: N
OTHER INFORMATION: PRATURE:
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OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
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Patent No. 6734161

GENERAL INFORMATION:
APPLICANT: Nielsen, Peter E.
TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
PILE REFERENCE: ISIS-1329

CURRENT FILING DATE: 2000-07-06

PRIOR APPLICATION NUMBER: 08/932,140

PRIOR PLING DATE: 1997-09-16

NUMBER OF SEQ ID NOS: 30

SOFTWARE: PatentIn version 3.2

LENGTH: 15
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APPLICANT: Nielen, Peter B.
APPLICANT: Nielen, Peter B.
TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity PILE REFERENCE: ISIS-1292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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NAME/KEY: misc feature

LOCATION: (15)

COTHER INFORMATION: N-[acetyl (2-aminoethyl)]-C-lysine-glycine
US-09-486-623C-6
                                                                                                                                                                                                                                                                                                                                100.0%; Score 9; DB 3; Length 15; 100.0%; Pred. No. 5.6e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 9; DB 4; Length 15; 100.0%; Pred. No. 5.6e+03; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                        0, Indels
                                          OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone FRATURE: NAME/KEY: Modified-site LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)._(14)
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
                                                                                                                                                                                                                             LOCATION: 15

OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-

OTHER INFORMATION: lysine-glycine backbone
US-08-932-140C-7
                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 7, Application US/09486623C Patent No. 6734161
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
Modified-site
13
                                                                                                                                                                                     FEATURE:
NAME/KBY: Modified-site
                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         9; Conservative
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Matches 9; Conserv
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US-09-486-623C-6/c
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US-09-486-623C-7/c
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100.0%; Score 9; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                 Length 17;
                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: MCTHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: Saite 4700
                                                                                                                                                                                                                                                        DB 1; Le
                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: storage COMPUTER: 1EM Compactible COMPUTER: 1EM Compactible OPERATING SYSTEM: 1EM P.C. DOS 5.0 SOFTWARE: FASTSGG VERSION 1.5 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306 FILING DATE: December 3, 1996 CLASSIFICATION DATA:
APPLICATION NUMBER: 3, 1996 CLASSIFICATION NUMBER: 11 PHILNG DATE: APPLICATION NUMBER: 12/132 REPERRNCE/DOCKET NUMBER: 32, 327 RESPENCE/DOCKET NUMBER: 32, 327 REPERENCE/DOCKET NUMBER: 32, 327 REPERENCE/DOCKET NUMBER: 32, 327 TELECOMMUNICATION INFORMATION: TELECOMMUNICATION INFORMATION 
                                                                                                                                                                                                                                                        100.0%; Score 9; 100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 367, Application US/08758306; Patent No. 5807743
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 367:
SEQUENCE CHARACTERISTICS:
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                        Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
INFORMATION FOR SEQ ID NO:
                                                         LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                           SEQUENCE CHARACTERISTICS LENGTH: 17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                         1 GAGTATGAG 9
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                                                                                                                                                                ; TOPOLOGY: linear
US-08-758-306-365
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 9
US-08-758-306-367/c
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NAME/KEY: misc_feature
LOCATION: (15)...(15)
COTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
US-09-486-623C-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Ouery Match
Best Local Similarity 100.0%; Score 9; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.6e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc feature
LOCATION: (1). (14)
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: SULTE 4/00
CITY: LOS ADGELES
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FasteSeq Version 1.5
GOFTWARE: Reactesq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
   CURRENT APPLICATION NUMBER: US/09/486,623C CURRENT FILING DATE: 2000-07-06 PRIOR APPLICATION NUMBER: 08/932,140 PRIOR FILING DATE: 1997-09-16 NUMBER OF SEQ ID NOS: 30 SOFTWARE: Patentin version 3.2 SEQ ID NO 7 LENGTH: 15
                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 365, Application US/08758306
; Patent No. 5807743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |||||||||
14 GAGTATGAG 6
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US-09-808-108A-750
Sequence 2750, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
PAPLICANT: GU, Yizhong
APPLICANT: GU, Yizhong
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David K.
APPLICANT: RANK, David K.
APPLICANT: RANK, David K.
APPLICANT: RANK, David K.
CURRENT: GINN WEBER: US/09/866,108A
TITLE OF INVERTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2001-03-37
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION NUMBER OF SEQUENCES: 1379
                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
PILING DATE: December 3, 1996
CLASSIPICATION 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                             ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                     NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (213) 489-1600
TELEXA: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 371:
SEQUENCE CHARACTERESTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wardurg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                   CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TOPOLOGY: linear
US-08-758-306-371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-866-108A-2750
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                                                                                                                                                                 GENERAL INC. 580.7443

GENERAL INC. 580.7443

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
APPLICANT: McSwiggen, James A.
APPLICANT: MCSwiggen, James A.
APPLICANT: MCSWIGGEN, JAMES A.
APPLICANT: MCSWIGGEN, JAMES BEAGENT FOR THE
TITLE OF INVENTION: MEATHON AND REAGENT OF DISEASES
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: GAWAA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 13.79
CORRESPONDENCE AJON & LyON
STREET: 631 West Pifth Street
STREET: Suite 4700
CITY: Los Angeles
STREET: California
COUNTRY: U.S.A.
ZIP: 9071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 371, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
ITILE OF INVENTION: METHOD AND REAGENT FOR THE
ITILE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastGsq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
RELIANG DATE:
ATTORNEY AGENT INFORMATION:
NAME: WARDING, RICHARD J.
REGISTRATION NUMBER: 32,327
REPREMENCE/DOCKET NUMBER: 32,327
REPREMENCE/DOCKET NUMBER: 212/132
TELECHONE: (213) 489-1600
TELEPHONE: (213) 955-0440
                                                                                                                        // Sequence 369, Application US/08758306
// Patent No. 5807743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEX: 67.3510
INFORMATION FOR SEQ ID NO: 369:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STRANDEDNESS: single
15 GAGTATGAG 7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear
US-08-758-306-369
                                                                         RESULT 10
US-08-758-306-369/c
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Query Match
Best Local Similarity 100.
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ORGANISM: Homo sapiens
     ; ORGANISM: Homo sapiens
US-09-866-108A-2751
                                                                                                                                                                                                                                                                                                                                                   1 GAGTATGAG 9
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US-09-866-108A-2753
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APPLICANT: GU, Yizhong
APPLICANT: GU, Yizhong
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: SHANNON, Mark
IITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: ASONICA-1.
FILE REPERENCE: ASONICA-1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-10-26
PRIOR PELING DATE: 2000-10-04
PRIOR PELING DATE: 2000-10-04
PRIOR PELING DATE: 2000-10-04
PRIOR PELING DATE: 2000-10-03
PRIOR PELING DATE: 2000-10-03
PRIOR PELING DATE: 2000-10-30
PRIOR PELING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/0663
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PLING DATE: 2001-01-30

PRIOR PLING DATE: 2001-01-30

PRIOR PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR APPLICATION SERVICE TO SERVICE S
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100.0%; Score 9; DB 4; Length 17;

Best Local Similarity 100.0%; Pred. No. 5.6e+03;

Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2751, Application US/09866108A Patent No. 6686188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
CORGANISM: Homo sapiens
US-09-866-108A-2750
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9 GAGTATGAG 17
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PCT/US01/00667
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Best Local Similarity 100.
Matches 9; Conservative
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CORGANISM: Homo sapiens
US-09-866-108A-2754
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        8
APPLICANT: JI, Yonggang
APPLICANT: JI, Yonggang
APPLICANT: HANZEL, David K.
APPLICANT: RANK, Sharton G.
APPLICANT: RANK, David R.
APPLICANT: HANZEL, David R.
APPLICANT: GIRW, Wenshering
APPLICANTON: MYGER: 2001-05-25
CURRENT APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PRILING DATE: 2000-05-26
PRIOR PRILING DATE: 2000-05-26
PRIOR PRILING DATE: 2000-05-26
PRIOR PRILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR PRILING DATE: 2001-01-30
PRIOR PRINCH DATE: 2001-01-30
PRIOR PRILING DATE: 2001-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INCORBATION:
APPLICANT: GU, Yizhong
APPLICANT: GU, Yizhong
APPLICANT: GU, Yizhong
APPLICANT: HI, Yonggang
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David R.
APPLICANT: HANZEL, David R.
APPLICANT: RANK, David R.
APPLICANT: GHEN, Wensheng
APPLICANT: SHANNON, MAER.
ITLE OF INVENTION: WYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEONICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
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Best Local Similarity 100.0%;
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
CORGANISM: Homo sapiens
US-09-866-108A-2753
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APPLICANT: GIV, Yizhong
APPLICANT: HANZEL, David K.
APPLICANT: RENW, Sharron G.
APPLICANT: RANK, David R.
APPLICANT: RANK, David R.
APPLICANT: RANK, David R.
APPLICANT: REPRENCE: ABOMICA-7
TITLE OF INVERTION WINDER: US/05/866,108A
CURRENT PILING DATE: 2001-05-26
FRIOR APPLICATION NUMBER: US 60/236,359
FRIOR APPLICANION NUMBER: US 60/236,359
FRIOR PILING DATE: 2001-00-04
FRIOR PILING DATE: 2001-01-30
FRIOR PILING DATE: 2001-01-30
FRIOR APPLICATION NUMBER: PCT/US01/0066
FRIOR PILING DATE: 2001-01-30
FRIOR PILING DATE: 2001-01-
PRIOR APPLICATION NUMBER: PUL/USOL, USOL, 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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GU, Yizhong
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
GENERAL SUCCESSION:
GENERAL GU, Yizhong
APPLICANT: Ji, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: RANK, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNOM, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPRESENCE: ASONICA-7.
CURRENT APPLICATION NUMBER: US/09/866,108A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-36
PRIOR FILING DATE: 2000-09-27
PRIOR PLING DATE: 2000-09-27
PRIOR PLING DATE: 2000-09-27
PRIOR PLING DATE: 2001-01-30
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                                                                                                                                          100.0%; Score 9; DB 4; Length 17; 100.0%; Pred. No. 5.6e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 2757, Application US/09866108A; Patent No. 6686188; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2756, Application US/09866108A Patent No. 6686188
                                                                                                          Query Match
Best Local Similarity 10v...
Programme 9; Conservative
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CORGANISM: Homo sapiens
US-09-866-108A-2756
                                       ; ORGANISM: Homo sapiens
US-09-866-108A-2755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GAGTATGAG 9
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US-09-866-108A-2757
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APPLICANT: JI, Yonggang
APPLICANT: BRNN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David K.
APPLICANT: RANK, David K.
APPLICANT: RANK, David R.
APPLICANT: SHANNON, Mark
TITLE OF INVERTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEGMICA-7
CURRENT PILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/206,359
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
                                                                                                                                                                     CURRENT ABOUICA-7
CURRENT PELLICALION NUMBER: US/09/866,108A
CURRENT PELLION NUMBER: US 60/207,456
PRIOR PAPLICATION NUMBER: US 60/207,456
PRIOR PELLING DATE: 2000-05-26
PRIOR PILLING DATE: 2000-10-04
PRIOR FILLING DATE: 2000-10-04
PRIOR FILLING DATE: 2000-10-04
PRIOR FILLING DATE: 2000-09-27
PRIOR PILLING DATE: 2001-01-30
PRIOR FILLING DATE: 2001-01-30
PRIOR FILLING DATE: 2001-01-30
PRIOR FILLING DATE: 2001-01-30
PRIOR PILLING DATE: 2001-01-30
PRIOR PILLING DATE: 2001-01-30
PRIOR PELICATION NUMBER: PCT/US01/00669
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, MAR.
TITLE OF INVENTION: MYOSIN-LIKE GENÉ EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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Matches 9; Conservative
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ORGANISM: Homo sapiens
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APPLICANT: MCKAY, Robert A.

APPLICANT: Dean, Nicholas M.

APPLICANT: Dean, Nicholas M.

APPLICANT: Monia, Brett

APPLICANT: Moria, Brett

APPLICANT: Marco, Pam

APPLICANT: Garde, William A.

TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS

TITLE OF INVENTION: FOR THE MODULATION OF JNK PROFEINS

FILE REFERENCE: ISPH-0350

CURRENT APPLICATION NUMBER: US/09/287,796A

CURRENT PILING DATE: 1999-04-07

EARLIER APPLICATION NUMBER: 09/130,616

EARLIER PILING DATE: 1999-08-07

EARLIER PILING DATE: 1997-08-03

NUMBER OF SEQ ID NOS: 165

SEQ ID NO 102

LENGTH: 20

WONDE: NANA
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APPLICANT: McKay, Robert A.
APPLICANT: McKay, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
APPLICANT: Mero, Pam
APPLICANT: Monia Antisense oligonucleotide Compositions
ITILE OF INVENTION: FOR THE MODULATION OF JNK PROFEINS
FILE REFERENCE: ISPH-0318
CURRENT FILING DATE: 1998-08-07
EARLIER APPLICATION NUMBER: 08/910,629
EARLIER FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 101
LENGTH: 20
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100.0%; Score 9;
Best Local Similarity 100.0%; Pred. No.
Matches 9; Conservative 0; Mismatcl
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US-09-130-616-101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 101, Application US/09130616C Patent No. 6221850
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
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Sequence 101, Application US/09287796A

PAPELICANT: MCKAY, Robert A.

APPLICANT: Dean, Nicholas M.

APPLICANT: Dean, Nicholas M.

APPLICANT: Moria, Brett

APPLICANT: Moria, Brett

APPLICANT: Garde, William A.

TITLE OF INVENTION: FOR THE MODULATION OF JNK PROTEINS

TITLE OF INVENTION: POR THE MODULATION OF JNK PROTEINS

TITLE OF INVENTION: POR THE MODULATION OF JNK PROTEINS

TITLE OF INVENTION: 1999-04-07

FILE REPERENCE: 1599-04-07

CURRENT FILING DATE: 1999-04-07

EARLIER PILING DATE: 1998-08-07

EARLIER PILING DATE: 1997-08-03

NUMBER OF SEQ ID NOS: 165

EARLIER PILING DATE: 1005-165

EARLIER PILING DATE: 1005-165
                         PRIOR PILING DATE: 2001-01-30
PRIOR PLILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PLILING DATE: 2001-01-30
PRIOR PLIOR APPLICATION DATE: 2001-01-30
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100.0%; Score 9; DB 4;
Best Local Similarity 100.0%; Pred. No. 5.6e+0
Matches 9; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SRQ ID NO. 2758
LENGTH: 17
      PLICATION NUMBER: PCT/US01/00667
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20-09-281-796-102
3 Sequence 102, Application US/09287796A
5 Patent No. 6133246
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US-09-866-108A-2758
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FEATURE:

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US-09-422-978-6551/c
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APPLICANT: Gribkoff, Valentin K.

APPLICANT: Gribkoff, Valentin K.

APPLICANT: Little, Mayne A.

APPLICANT: Little, Mayne A.

APPLICANT: Neubauer, Michael G.

APPLICANT
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APPLICANT: Dean, Nicholas M.
APPLICANT: Monia, Brett
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS
TITLE OF INVENTION: ROWERNER: US/09/130, 616C
CURRENT APPLICATION NUMBER: US/09/130, 616C
CURRENT PILING DATE: 1998-08-07
EARLIER FILING DATE: 1998-08-07
EARLIER FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 178
SEQ ID NO 102
LEARLIER FILING DATE: 100-03
MUMBER OF SEQ ID NOS: 178
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 9; Conservative
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9 GAGTATGAG 17
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; GENERAL INFORMATION:
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US-09-851-062-29/c
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Sequence 6551, Application US/09422978

patent No. 6537751

general inrowmarino:

APPLICANT: Cohen, Daniel

APPLICANT: Chumakov, 11ya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

TITLE OF INVENTION: 1999

CURRENT APPLICATION NUMBER: US/09/422,978

CURRENT FILING DATE: 1999-04-21

EARLIER PELING DATE: 1999-04-21

EARLIER PELING DATE: 1999-04-21

EARLIER PELING DATE: 1999-04-21

EARLIER PELING DATE: 1999-04-21

EARLIER FILING DATE: 1999-04-21
APPLICANT: Brenda F. Baker
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 12 P40 SUBUNIT EXPRESSION
FILE REFERENCE: RTS-0247
CURRENT APPLICATION NUMBER: US/09/851,062
CURRENT FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 87
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APPLICANT: Ian Popoff
APPLICANT: Ian Popoff
TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
FILE REFERENCE: RTS-0150
CURRENT APPLICATION NUMBER: US/09/517,467B
CURRENT FILING DATE: 2001-03-02
PRIOR APPLICATION NUMBER: 09/517,467
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 345
SEQ ID NO 84
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                  Length 20;
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                                                                                                                                                                                                                                                            ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-062-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-09-517-467B-84
                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-517-467B-84/c
; Sequence 84, Application US/09517467B
? Detent No. 6451602
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity luv...
9; Conservative
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Best Local Similarity 100.
Matches 9; Conservative
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9 GAGTATGAG 17
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;Patent No.
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| Sequence 101, Application US/09774809
| Patent No. 6809133
| GENERAL INFORMATION:
| APPLICANT: MocKay, Robert A. APPLICANT: Monia, Brett
| APPLICANT: Monia, Brett
| APPLICANT: More, Pam
| APPLICANT: Garde, William A. APPLICANT: Garde, William A. TITLE OF INVENTION: FOR THE MODULATION OF UNK PROTEINS
| TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
| TITLE OF INVENTION: ANTISENSE US/09/774,809
| CURRENT FILIS TABLE: 2001-01-31
| CURRENT FILIS OF THE MODIATION OF UNK PROTEINS
| TITLE OF NATION OF THE MODIATION OF UNK PROTEINS
| TITLE OF NATION OF THE MODIATION OF UNK PROTEINS
| TITLE OF NATION OF THE MODIATION OF UNK PROTEINS
| TITLE OF THE MODIATION OF THE MODIATION
                                                                                                                                                                                                                                                                                                                                   NAME/KEY: primer_bind
LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-12268 for SEQ 2617, US-09-422-978-6551
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Patent No. 6809193
GRIERAL INFORMATION:
APPLICANT: NCKAY, Robert A.
APPLICANT: Dean, Nicholas M.
APPLICANT: Nero, Pam

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PRIOR PILLING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: 09/130,616
PRIOR FILING DATE: 1998-08-07
PRIOR FILING DATE: 1998-08-07
PRIOR FILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 165
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 6551
LENGTH: 20
                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
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US-09-774-809-102
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; LOCATION: 1..21 -
; OTHER INFORMATION: downstream amplification primer 99-2048 for SEQ 1100, in complemer
US-09-422-978-8965
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APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumenfeld, Marta
APPLICANT: Blumenfeld, Marta
FILE REPERENCE: GENSET.02007
FILE REPERENCE: GENSET.02007
FILE REPERENCE: 1999-10-20
FEARLIER APPLICATION NUMBER: US 60/109,732
FEARLIER FILING DATE: 1999-04-21
FEARLIER FILING DATE: 1998-04-21
FEARLIER FILING DATE: 1998-04-21
FEARLIER FILING DATE: 1998-04-21
FEARLIER PILING DATE: 1998-04-21
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MARIAN,AVIV, HAIM,OREN, RACHEL
TITLE OF INVENTION: THERAPEUTIC COMPOSITIONS COMPRISING
ANTIVER OF HUMAN CULUS SUPEROXIDE DISMUTASE ANALOGS
NUMBER OF SEQUENCES: 30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/933,500
PRIOR APPLICATION NUMBER: 09/396,902
PRIOR FILING DATE: 1999-09-15
PRIOR PILING DATE: 1999-09-15
PRIOR PILING DATE: 1998-08-07
PRIOR PILING DATE: 1998-08-07
PRIOR PILING DATE: 1998-08-07
PRIOR PILING DATE: 1997-08-03
NUMBER OF SEQ ID NOS: 165
SEQ ID NO 102
LENGTH: 20
TYPER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Synthetic Sequence
US-09-774-809-102
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US-09-422-978-8965
Sequence 8965, Application US/09422978
; Patent No. 6537751
                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 9; Conservative
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ORGANISM: Homo Sapiens
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Gaps

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GENERAL INFORMATION:

APPLICANT: GU' Yizhong

APPLICANT: J' Yizhong

APPLICANT: PENN, Sharron G.

APPLICANT: HANNEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: CHEN, Wark

ITILE OF INVENTION: MACK

TITLE OF INVENTION: ABOMICA-7
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                                                                           FEATURE:
, OTHER INFORMATION: Description of Artificial Sequence:PRIMER US-09-088-274-8
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APPLICANT: Erker, James
APPLICANT: Erker, James
APPLICANT: Chalmers, Michelle
APPLICANT: Simons, John
APPLICANT: Simons, John
APPLICANT: Mucrhoff, Scott
APPLICANT: Mucrhoff, Scott
APPLICANT: Mucrhoff, Scott
APPLICANT: Mushahwar, Isa
TITLE OF INVENTION: METHODS OF UTILIZING THE TT VIRUS
FILE REFERENCE: 6461.US.O1
CURRENT APPLICATION NUMBER: US/09/245,248B
CURRENT FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 71
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 23
LENGTH: 24
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                                                                                                                                              100.0%; Score 9; DB 3; L 100.0%; Pred. No. 5.8e+03;
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                                                                                                                                                                                                                                                                                                                                             Sequence 23, Application US/09245248B Patent No. 6395472
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| LOCATION: (0)...(0)

| CTHER INFORMATION: DFGH1-S1 primer

US-09-245-248B-23
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Leary, Thomas
Erker, James
Chalmers, Michelle
Simons, John
Birkenmeyer, Larry
Muerhoff, Scott
Filot-Matias, Tami
Desai, Suresh
                    LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                             Query Match
Best Local Similarity 100.uv
Best Accal Similarity 100.uv
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Matches 9, Conservative
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ORGANISM: Homo sapien
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US-09-866-108A-5679
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   SEQ ID NO 8
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; Sequence 8, Application US/09088274A
; Patent No. 6433248
; GENERAL INFORMATION:
FILING DATE: 21-AUG-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 449,125
FILING DATE: 08-DEC-1989
APPLICATION NUMBER: 202,238
FILING DATE: 03-UN-1988
APPLICATION NUMBER: 897,056
FILING DATE: 14-AUG-1985
APPLICATION NUMBER: 767,143
FILING DATE: 19-AUG-1985
APPLICATION NUMBER: 644,245
FILING DATE: 27-AUG-1986
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6 GAGTATGAG 14
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Best Local Similarity
9; Conserve
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Best Local Similarity
Matches 9; Conserv
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;Patent No. 5455029
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5455029-26
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APPLICANT: GU, Yizhong
APPLICANT: GU, Yizhong
APPLICANT: Ji, Yonganag
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David R.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                       PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 5680

    See File Wrapper or PALM.

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.0%; Score 9; DB 4; Length 25; Best Local Similarity 100.0%; Pred. No. 5.8e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-00-04
PRIOR FILING DATE: 2000-00-07
PRIOR FILING DATE: 2000-00-27
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Homo sapiens
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APPLICANT: GU, Yizhong

APPLICANT: JI, Yongqang

APPLICANT: FERN, Sharron G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: GIANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7
                                                                                                                FRIOR PILING DATE: 2000-10-04

PRIOR PILING DATE: 2000-10-09-27

PRIOR PILING DATE: 2000-10-09-27

PRIOR PILING DATE: 2000-09-27

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR PILING DATE: 2001-01-30

PRIOR PILING D
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CURRENT PILING DATE: 2001-05-25
PRIOR PAPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR PILING DATE: 2001-01-30
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/USO1/00668
PRIOR PILING DATE: 2001-01-30
APPLICATION NUMBER: US 60/207,456
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Sequence 5680, Application US/09866108A
Patent No. 6686188
                                                 LING DATE: 2000-05-26
PLICATION NUMBER: GB 24263.6
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; ORGANISM: Homo sapiens
US-09-866-108A-5679
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Search completed: March 22, 2005, 10:49:01 Job time : 82 secs
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
TITLE OP INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: ADMICA-7
CURRENT APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2001-01-30
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APPLICANT: GU, Yizhong
APPLICANT: J, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: RANK, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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SOFTWARE: Acomica Sequence Listing Engine Patent No. 6686188
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CURRENT APPLICATION NUMBER: US/09/866,108A
                                                                                                                                                                  Sequence 5682, Application US/09866108A Patent No. 6686188
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Matches 9; Conservative
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; ORGANISM: Homo sapiens
US-09-866-108A-5682
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15 GAGTATGAG 23
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US-09-866-108A-5683
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-09-27
PRIOR PLICATION NUMBER: PCT/US01/00666
PRIOR PLICATION NUMBER: PCT/US01/00667
PRIOR PLICATION NUMBER: PCT/US01/00667
PRIOR PLICATION NUMBER: PCT/US01/00664
PRIOR PLICATION NUMBER: PCT/US01/00669
PRIOR PLICATION NUMBER: PCT/US01/00669
PRIOR PLICATION NUMBER: PCT/US01/00669
PRIOR PLICATION NUMBER: PCT/US01/00666
PRIOR PLICATION NUMBER: PCT/US01/00666
PRIOR PLICATION NUMBER: PCT/US01/00668
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Best Local Similarity 100.0%;
Matches 9; Conservative 0,
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Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence Sequence	Sequence 51878, Sequence 51881, Sequence 51881, Sequence 51881, Sequence 78847, Sequence 193005, Sequence 115708, Sequence 117598, Sequence 117598, Sequence 120579, Sequence 148813,	Sequence 1 Sequence 1 Sequence 1 Sequence 1 Sequence 2	Sequence 2 Sequence 2 Sequence 2 Sequence 5 Sequence 6 Sequence 6 Sequence 7 Sequence 7 Sequence 7 Sequence 8
100.0 13 18 US-10-2 100.0 13 18 US-10-2	100.0 13 18 US-10-2 100.0 13 US-10-2 100.0 100.0 13 US-10-2 100.0 13 US-10-2 100.0 100.0 100.0 13 US-10-2 100.0	US-10-257-017B-15604 US-10-257-017B-15604 US-10-257-017B-16431 US-10-257-017B-16431 US-10-257-017B-16431 US-10-257-017B-19589 US-10-257-017B-19589 US-10-257-017B-21341 US-10-257-017B-21374 US-10-257-017B-21374 US-10-257-017B-23374 US-10-257-017B-23374 US-10-257-017B-24778 US-10-257-017B-24985 US-10-872-106-7 US-09-866-108-2751 US-09-866-108-2751 US-09-866-108-2751 US-09-866-108-2751 US-09-866-108-2751 US-09-866-108-2751 US-09-866-108-2751 US-09-866-108-2751	100.0 17 9 US-09-86, 100.0 17 9 US-09-86, 100.0 17 9 US-09-86, 100.0 17 18 US-10-7, 100.0 18 19 US-10-8, 100.0 19 16 US-10-9, 100.0 19
		0 0 0 0 0 0 000 44444444400000000000000	
Seconds	Title: US-09-540-843-1 Perfect score: 9 Sequence: 1 gagtatgag 9 Scoring table: IDENTITY NUC Gapop 10-0, Gapext 1.0 Searched: 5544816 seqs, 2976611598 residues Total number of hits satisfying chosen parameters: 5770552 Minimum DB seq length: 0 Maximum Macch 04 Maximum Match 1004 Listing first 100 summaries	Published Applications NA:* Gard_6/ptodata/2/pubpna/Draw PUB. seq:* Gard_6/ptodata/2/pubpna/Draw Pub. seq:* Gard_6/ptodata/2/pubpna/Draw Pub. seq:* Gard_6/ptodata/2/pubpna/USO6_NEW Pub. seq:* Gard_6/ptodata/2/pubpna/USO6_NEW Pub. seq:* Gard_6/ptodata/2/pubpna/USO6_NEW Pub. seq:* Gard_6/ptodata/2/pubpna/USO8_PuBCOMB. seq:* Gard_6/ptodata/2/pubpna/USO8_NEW Pub. seq:* Gard_6/ptodata/2/pubpna/USO8_NEW Pub. seq:* Gard_6/ptodata/2/pubpna/USO8_NEW Pub. seq:* Gard_6/ptodata/2/pubpna/USO8_PUBCOMB. seq:* Gard_6/ptodata/2/pubpna/USO9_PUBCOMB. seq:* Gard_6/ptodata/2/pubpna/USO9_NEW Pub. seq:* Gard_6/ptodata/2/pubpna/USO9_Pub. Pub. Seq:*	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. SUMMARIES Result Ouery No. Score Match Length DB ID 1 9 100.0 9 14 US-10-122-630-1 2 9 100.0 9 14 US-10-122-630-1 2 9 100.0 10 19 US-10-122-631-1 3 9 100.0 12 15 US-10-150-779A-15 5 9 100.0 12 15 US-10-150-779A-15 6 9 100.0 12 18 US-10-150-779A-15 7 9 100.0 12 18 US-10-150-779A-15 8 9 100.0 12 18 US-10-257-017B-306811 9 100.0 12 18 US-10-257-017B-306812 9 100.0 12 18 US-10-257-017B-306812 9 100.0 12 18 US-10-257-017B-306812 9 100.0 12 18 US-10-257-017B-31106 9 100.0 12 18 US-10-257-017B-321106

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SENERAL INCOME.

APPLICANT: CHEN, XIN XING

TITLE OF INVENTION: TREATMENT OF SEPSIS

TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE INTERVENTION FOR PREVENTION AND

TITLE OF INVENTION: TREATMENT OF SEPSIS

FILE REFERENCE: CRYA, 025-C-CIP

CURRENT APPLICATION NUMBER: 10/405

PRIOR FILING DATE: 2003-04-05

PRIOR FILING DATE: 2003-06-03

NUMBER OF SEQ ID NOS: 7

SOFTWARE: Patentin Ver. 3.2

SEQ ID NO 2

LENGTH: 10

WUDE: NAA
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US-10-150-779A-15/c
Sequence 15, Application US/10150779A
Sequence 15, Application US/10150779A
Sequence 15, Application No. US20030125241A1
GENERAL INFORMATION:
APPLICANT: WISSENBACH, WARGIT
APPLICANT: ORUM, HENRICK
APPLICANT: ORUM, HENRICK
APPLICANT: HENRICK
APPLICANT: HENRICK
APPLICANT: HENRICK
APPLICANT: HENRALDEUTIC USES OF LINA-MODIFIED OLIGONUCLEOTIDES IN
TITLE OF INVENTION: INPECTIOUS DISEASES
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                                                                                                                                                                                                                                                                                                                                    Length 9;
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100.0%; Pred. No. 6.5e+08;
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                  CURRENT APPLICATION NUMBER: US/10/122,633
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR PILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 9
                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2, Application US/10818158 Publication No. US20050020526A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
      FILE REFERENCE: 0054.1088-019
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Best Local Similarity 100.00
Best Local Similarity 100.00
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Best Local Similarity 100.
Matches 9; Conservative
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Sequence 8965, Ap
Sequence 17, Appl
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        Sequence 15,
                          Sequence 3
Sequence 3
Sequence 5
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Sequence 6
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Sequence 2
Sequence 2
Sequence 2
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Sequence 2
Sequence 8
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USA-10-122-630.

Sequence 1, Application US/1012630

Publication No. US20030032610A1

GENERAL INFORMATION:

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Mark S.

APPLICANT: Blar, Mina

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: MADER: US/10/122,630

CURRENT APPLICATION NUMBER: US 08/467,012

PRIOR APPLICATION NUMBER: US 08/467,012

PRIOR PILING DATE: 1995-06-03

PRIOR PILING DATE: 1996-06-03

PRIOR PPLICATION NUMBER: US 09/540,843

PRIOR APPLICATION NUMBER: US 09/540,843

PRIOR APPLICATION NUMBER: US 09/540,843

PRIOR APPLICATION NUMBER: US 09/540,843

PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2001-03-30

NUMBER OF SEQ ID NOS: 15

SOFTWARE: FRRESEQ for Windows Version 4.0

SEQ ID NO 1

LENGTH: NAMER IN NOS 15
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Sequence 1, Application US/10122633

Sequence 1, Application US/10122633

Sequence 1, Application US/10122633

GRNERAL INFORMATION:

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Yaar, Mark S.

APPLICANT: Yaar, Mina Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligonucleotides
US-10-128-870-15
US-10-131-685-15
US-10-067-514-32
US-10-160-807-266
US-10-349-143-6551
US-10-349-143-6551
US-10-345-444B-101
US-10-345-444B-101
US-10-345-444B-102
US-10-655-847-128
US-10-655-847-266
US-10-655-847-266
US-10-789-526-66
US-10-789-526-66
US-10-789-526-66
US-10-789-526-66
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US-10-789-526-66
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100.0%; Pred. No. 6.5e+08;
1tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                            ALIGNMENTS
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; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-1
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Best Local Similarity 100.
Matches 9; Conservative
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US-10-257-017B-306812
US-10-257-017B-306812
Sequence 306812, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
ITILE OF INVENTION: methylations
FILE REPERENCE: E01/1193/WO
CURRENT PILING DATE: 2002-10-07
CURRENT PILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DB 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 306812
LENGTH: 12
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Aristian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms (SNPs) and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: B01/1193/W0
CURRENT PILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 306811
LENGTH: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0022179
US-10-257-017B-306811
                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021329
US-10-257-0178-305165
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 306811, Application US/10257017B Publication No. US20040241651A1 GENERAL INFORMATION:
APPLICANT: Alexander Olek
  CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 1001
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 305165
LIANGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
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TYPE: DNA
ORGANISM: Artificial Sequence
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Sequence 305165, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine; TITLE OF INVENTION: methylations
FILE REFERENCE: B01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
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US-10-150-779A-16/C

i Sequence 16, Application US/10150779A

i Publication No. UG2003012241A1

i Publication No. UG2003012241A1

i GENERAL INFORMATION:
    APPLICANT: WISSENBACH, MARGIT

APPLICANT: ROCH, TROBLS

APPLICANT: ROCH, TROBLS

APPLICANT: HANSEN, BO

ITILE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

ITILE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

ITILE OF INVENTION: INFECTIOUS DISEASES

ITILE OF INVENTION NUMBER: US/10/150,779A

CURRENT APPLICATION NUMBER: 06/291,830

PRIOR PILING DATE: 2001-05-18

NUMBER OF SEQ ID NOS: 16

SOFTWARE: PATENTIN Ver. 2.1

LENGTH: 12
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7 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
7 OTHER INFORMATION: DNA oligonuclectide with phosphorothicate backbone
US-10-150-779A-16
                                                                                                                                                                                                                                                                                                            PRATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
FORTHER INFORMATION: Oligonucloetide
OS-10-150-779A-15
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100.0%; Score 9; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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100.0%; Score 9; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 15
; LENGTH: 12
                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                              TYPE: DNA
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APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR PILING DATE: 2000-04-07
RNDHER OF SEQ ID NOS: 382046
SEQ ID NO 30005
LENGTH: 13
                                                                                                                                                                                        Sequence 347990, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPB] and cytosine
TITLE OF INVENTION: US (10/257,017B
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR FILING DATE: 2002-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 347990
LENGTH: 12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0045390 US-10-257-017B-347990
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US-10-257-017B-30005
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  Mismatches
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APPLICANT: Alexander Olek
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
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     9; Conservative
                                                  1 GAGTATGAG 9
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Best Local Similarity
Matches 9, Conserva
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US-10-257-017B-30005
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APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPB] and cytosine
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms (SNPB) and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NOS: 382046
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APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURENT APPLICATION NUMBER: US/10/257,017B
CURENT APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 326072
LENGTH: 12
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US-10-257-017B-326072
                                                  ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP ISC0022179
US-10-257-017B-306812
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            , OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0030074
US-10-257-017B-321106
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100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                         Query Match 100.0%; Score 9; DB 18; Length 12; Best Local Similarity 100.0%; Pred. No. 2.6e+04;
                                                                                                                                                                            0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                           Sequence 321106, Application US/10257017B Publication No. US20040241651A1 GENERAL INFORMATION: APPLICANT: Alexander Olek
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ORGANISM: Artificial Sequence
       ORGANISM: Artificial Sequence
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                                                                                                                                                                         9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GAGTATGAG 10
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                       US-10-257-017B-321106
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                                FEATURE
                                                                                                                                                                              Matches
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Sequence 41316, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: B01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NOS: 382046
                             TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine TITLE OF INVENTION: methylations FILE REFERENCE: BOL/1193/WO CURRENT APPLICATION NUMBER: US/10/257,017B CURRENT FILLING DATE: 2002-10-07 PRIOR APPLICATION NUMBER: DE 10019173.8 PRIOR FILING DATE: 2000-04-07 NUMBER OF SEQ ID NOS: 382046 SEQ ID NO 37158 LENGTH: 13
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                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0011603
US-10-257-017B-37158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012414 US-10-257-0178-41315
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 41315, Application US/10257017B Ubblication No. US20040241651A1 GENERAL INFORMATION:
APPLICANT: Alexander Olek
                                                                                                                                                                                                                                                                                    TYPB: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match. 100.
Best Local Similarity 100.
Matches 9; Conservative
               Kurt Berlin
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US-10-257-017B-41315
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US-10-257-017B-30006/c
US-10-257-017B-30006/c
Sequence 30006, Application US/10257017B
Sequence 30006, Application US/10257017B
Sequence 30006, Application US/20040241651A1
Sequence 30006, Application No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT PILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
FRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 30006
SEQ ID NO 30006
SEQ ID NOS: 382046
SEQ ID NOS: 30006
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Sequence 37157, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: methylations
FILE REPERENCE: E01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257, 017B
CURRENT PILING DATE: 2002-10-07
PRIOR PILING DATE: 2002-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 37157
LENGTH: 13
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US-10-257-017B-37157
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0009039
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100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 100 Matches 9; Conservative
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US-10-257-017B-37158/c
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US-10-257-017B-37157
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APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NOS: 382046
                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT PILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 5.1877
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; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0013750 US-10-257-017B-48110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0014452 US-10-257-0178-51877
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                                                                               100.0%; Score 9; DB 18; Length 13; 100.0%; Pred. No. 2.6e+04; Live 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0;
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; Sequence 51878, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                   Sequence 51877, Application US/10257017B Ubblication No. US20040241651A1 GENERAL INFORMATION:
APPLICANT: Alexander Olek
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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                                                             Query Match
Best Local Similarity 100.
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US-10-257-017B-51877
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Publication No. US20040241651A1

REMEMBLIANT: NO. US20040241651A1

APPLICANT: Alexander Olek

APPLICANT: Christian Piepenbrock

APPLICANT: Christian Piepenbrock

APPLICANT: Christian Piepenbrock

TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine

TITLE OF INVENTION: methylations

TITLE OF INVENTION: methylations

FILE REFERENCE: E01/1193/WO

CURRENT APPLICATION NUMBER: US/10/257,017B

CURRENT PILING DATE: 2002-10-07

PRIOR APPLICATION NUMBER: DE 10019173.8

PRIOR APPLICATION NUMBER: DE 10019173.8

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 48110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REPERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 48109
LENGTH: 13
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                                                                                                                                                                                         ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012414 US-10-257-017B-41316
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                       ORGANISM: Artificial Sequence FEATURE:
          PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 41316
LENGTH: 13
                                                                                                                                                                                                                                                                    Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
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Best Local Similarity 100.
Matches 9; Conservative
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                                                                                                                  TYPE: DNA
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RESULT 25

US-10-257-017B-78848/C

US-10-257-017B-78848/C

Sequence 78648, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:

APPLICANT: Alexander Olek

APPLICANT: Rurt Berlin

TITLE OF INVENTION: methylations

TITLE OF INVENTION: methylations

FILE REFERENCE: E01/1193/WO

CURRENT APPLICATION NUMBER: US/10/257,017B

CURRENT APPLICATION NUMBER: DE 10019173.8

PRIOR APPLICATION NUMBER: DE 10019173.8

PRIOR PLING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 78848
                 Publication No. US2040241651A1
GENERAL INPORMATION:
GENERAL INPORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 78847
LENGTH: 13
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; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0020072
US-10-257-017B-78848
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0020072
US-10-257-017B-78847
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100.0%; Pred. No. 2.6e+04;
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Sequence 78847, Application US/10257017B
Publication No. US20040241651A1
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 9; Conservative
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                                                                                                                                                   Sequence 51881, Application US/10257017B
| Publication No. US/20040241651A1
| Publication No. US/20040241651A1
| Publication No. US/20040241651A1
| Publication No. US/20040241651A1
| APPLICANT: Alexander Olek
| APPLICANT: Alexander Olek
| APPLICANT: Christian Piepenbrock
| APPLICANT: Christian Piepenbrock
| TITLE OF INVENTION: methylations
| TITLE OF INVENTION: methylations
| TITLE OF INVENTION: methylations
| TITLE OF INVENTION: WUMBER: US/10/257,017B
| CURRENT APPLICATION NUMBER: US/10/257,017B
| CURRENT FILING DATE: 2002-10-07
| PRIOR APPLICATION NUMBER: DE 10019173.8
| PRIOR APPLICATION NUMBER: DE 10019173.8
| RING APPLICATION NUMBER: DE 2000-04-07
| NUMBER OF SEQ ID NOS: 382046
| SEQ ID NO 51881
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APPLICANT: Alexander Olek
APPLICANT: Christian Plepenbrock
APPLICANT: Christian Plepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OP INVENTION: methylations
FILE REPERENCE: E01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: 105 100-07
PRIOR PILING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07
RINGBER OF SEQ ID NOS: 382046
SEQ ID NO 51882
LENGTH: 13
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US-10-257-017B-51881
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US-10-257-017B-51882
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100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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; Sequence 51882, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 9; Conservative
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US-10-257-017B-78847
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Sequence 115707, Application US/10257017B
Sequence 115707, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION.
GENERAL INFORMATION.
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT PILING DATE: 2002-10-07
RIOR APPLICATION NUMBER: DE 10019173.8
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 115707
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APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: DS 10019173.8
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 109006
LENGTH: 13
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; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029004

US-10-257-017B-115707
                                                                                                                                                            ) OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0027285 US-10-257-017B-109005
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100.0%; Pred. No. 2.6e+04;
iive 0; Mismatches 0;
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APPLICANT: Alexander Olek
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ORGANISM: Artificial Sequence
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                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 9; Conservative
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Matches 9; Conservative
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12 GAGTATGAG
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US-10-257-017B-109006/c
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US-10-257-017B-115707
SEQ ID NO 109005
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Fublication No. US20040241651A1

GENERAL INFORMATION:
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APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1133/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
FILE REFERENCE: 2002-10-07
FRICH APPLICATION NUMBER: DE 10019173.8
FRICH APPLICATION DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
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US-10-257-017B-99307
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; TITLE OF INVENTION: methylations; FILE REFERENCE: BOJ/1193/WO; CURRENT APPLICATION NUMBER: US/10/257,017B; CHRENT FILING DATE: 2002-10-07; PRIOR APPLICATION NUMBER: DE 10019173.8 PRIOR FILING DATE: 2000-04-07; NUMBER OF SEQ ID NOS: 382046; LENGTH: 13
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Sequence 109005, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
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Best Local Similarity 100.
Matches 9; Conservative
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Best Local Similarity 100.
Matches 9; Conservative
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US-10-257-017B-99308/c
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US-10-257-017B-117598
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US-10-257-017B-120569
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                  5 GAGTATGAG 13
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US-10-257-017B-120570/c
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US-10-257-017B-120569
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APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 115708
LENGTH: 13
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APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nuclectide polymorhphisms [SNPe] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: D8 10019173.8
PRIOR APPLICATION NUMBER: D8 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 117597
LENGTH: 13
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US-10-257-017B-117597
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Publication No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 9; Conservative
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11 GAGTATGAG 3
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US-10-257-017B-115708/c
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Sequence 148814, Application US/10257017B
Publication No. US20040241651A1
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APPLICANT: Attached of the control of
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APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT PILING DATE: 2002-10-07
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 148813
LENGTH: 13
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US-10-257-017B-148813
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CURRENT APPLICATION NUMBER: US/10/257,017B
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                               CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 120574
LENGTH: 13
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 9; Conservative
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Sequence 120573, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Kurt Berlin
APPLICANT: Kurt Berlin
APPLICANT: Kurt Berlin
APPLICANT: Mart Berlin
TITLE OF INVENTION: mechylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT PILING DATE: 2002-10-07
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 120573
LENGTH: 13
                                                              APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT PILING DATE: 2002-10-07
PRIOR PILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 120570
LENGTH: 13
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Publication No. US20040241651A1
GENERAL INFORMATION:
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APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OP INVENTION: methylations
FILE REFERENCE: B01/1193/WO
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Best Local Similarity 100.0%; Pred. No. 2.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                          APPLICANT: Alexander Olek
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13 GAGTATGAG 5
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FRATURE:
; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0037562
US-10-257-017B-148814
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Query Match 100.0%; Score 9; DB 18; Length 13; Best Local Similarity 100.0%; Pred. No. 2.6e+04; Matches 9; Conservative 0; Mismatches 0; Indels

Search completed: March 22, 2005, 19:09:27 Job time: 325.875 sec8

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US-09-396-1966-120731

US-09-396-1966-120735

US-09-396-1966-120735

US-09-396-1966-120737

US-09-396-1966-120733

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US-09-310-356-20

US-08-310-356-20

US-08-101-356-20

US-08-101-399-22

US-08-101-399-22

US-08-101-399-22

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9775, Ap
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                                                                                                                                                           March 22, 2005, 04:59:11 ; Search time 78 Seconds (without alignments) 188.801 Million cell updates/sec
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1: ./cgn2_6/ptodata/1/lna/5A_COMB.seq:*

2: /cgn2_6/ptodata/1/lna/5B_COMB.seq:*

3: ./cgn2_6/ptodata/1/lna/6A_COMB.seq:*

4: ./cgn2_6/ptodata/1/lna/6B_COMB.seq:*

5: ./cgn2_6/ptodata/1/lna/PCTUS_COMB.seq:*

6: ./cgn2_6/ptodata/1/lna/PCTUS_COMB.seq:*
                            version 5.1.6
- 2005 Compugen Ltd.
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Maximum Match 100%
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Copyright (c) 1993
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and is derived by analysis of
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Maximum
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RESULT 3
US-09-398-522-76
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US-09-399-522-22/C

JGS-09-399-522-22/C

Sequence 22, Application US/09398522

Parent No. 678393

GENERAL INFORMATION:

APPLICANT: IBRS, Jean-Pierre

ITILE OF INVENTION: CACNAIG POLYNUCLEOTIDE POLYPEPTIDE AND

TITLE OF INVENTION: METHODS OF USE THEREFOR

PILE REFERENCE: JHU1590:

CURRENT APPLICATION NUMBER: US/09/398,522

CURRENT FILING DATE: 1999-09-15

NUMBER OF SEQ ID NOS: 120

SOFTWARE: PSSEC FOR Windows Version 4.0

SEQ ID NO 22

LENGTH: 19
                                                                                                                       Sequence 2, Application US/09048927

Patent No. 6147056

GENERAL INFORMATION:
APPLICANT: Galchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Bler, Mark
TILLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: B094-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT FILING DATE: 1998-03-26
EARLIER FILING DATE: 1996-06-03
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER FILING DATE: 1996-06-03
EARLIER FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 4
SOFTHARE: PRILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 4
SOFTHARE: EastSEQ for Windows Version 3.0
ERNOTH: 9
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100.0%; Score 9; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.8e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
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                           ALIGNMENTS
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OTHER INFORMATION: Bisulfite-PCR primer
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
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US-09-096-172-6

1 Sequence 6, Application US/09096172

2 Sequence 6, Application US/09096172

3 Sequence 6, Application US/09096172

3 Patent No. 6284252

3 GENERAL INFORMATION:

4 APPLICANT: SORG, Tania

7 TITLE OF INVENTION: HUMAN INMUNODEFICIENCY VIRUS

7 TITLE OF INVENTION: HUMAN INMUNODEFICIENCY VIRUS

7 CORRESPENDENCES: 7

7 CORRESPENDENCES: 7

7 CORRESPENDENCES: 7

7 CORRESPENDENCES: 9.0. Box 1404

7 TITLE OF INVENTION: Doane, Swecker & Mathis

7 TITLE OF INVENTION DOANE, Swecker & Mathis

8 TRRET: P.O. Box 1404

7 TITLE OF INTEGRIA STATE

7 COUNTRY: United States

7 COUNTRY: United States

7 CONPUTER: IBM PC compatible

7 COMPUTER: IBM PC compatible

7 COMPUTER: IBM PC compatible

7 COMPUTER: PLANDALE FORM:

8 MEDIUM TYPE: Ploppy disk

8 COMPUTER: DATHIS READER PATENTIN RELEASE

7 CURRENT APPLICATION DATA:

8 APPLICATION NUMBER: US/09/096,172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Target sequence for bisulfite-PCR primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 9; DB 4; Length 19; Best Local Similarity 100.0%; Pred. No. 9.8e+03; Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                          APPLICANT: Issa, Jean-Pierre
TITLE OF INVENTION: CACNALG POLYNUCLEOTIDE POLYPEPTIDE AND
TITLE OF INVENTION: METHODS OF USE THEREFOR
FILE REFERENCE: JHU1590
CURRENT PEPLICATION NUMBER: US/09/398,522
CURRENT FILING DATE: 1999-09-15
NUMBER OF SEQ ID NOS: 120
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 76
LENGTH: 19
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APPLICATION NUMBER: US/08/177,145
FILING DATE: 04-JAN-1994
APPLICATION NUMBER: FR 93 00004
FILING DATE: 04-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Crane-Feury, Sharon E
REGISTRATION NUMBER: 36,113
REFERENCE/DOCKET NUMBER: 017753-040
TELEPHONE: (703) 836-6620
Sequence 76, Application US/09398522
Patent No. 6783933
GENERAL INFORMATION:
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COTHER INFORMATION: y = C or T

US-09-398-522-76
                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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CLASSIFICATION:
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US-09-816-814-13/c
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APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumakov, Ilya
APPLICANT: Chumakov, Ilya
ITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER PILING DATE: 1999-04-21
EARLIER PILING DATE: 1998-11-23
EARLIER PILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-04-21
EARLIER FILING DATE: 1998-11-23
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GENERAL INPORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT APPLICATION NUMBER: US/09/10-20
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; OTHER INFORMATION: upstream amplification primer 99-10661 for SEQ 2370,
US-09-422-978-6304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                 Length 20;
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                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: mutagenesis oligonucleotide (TAT
INDIVIDUAL ISOLATE: 4511e to Ser)
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100.0%; Score 9; DB 3; Le
Best Local Similarity 100.0%; Pred. No. 9.8e+03;
Matches 9; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-422-978-6304/c
; Sequence 6304, Application US/09422978
; Patent No. 6537751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 9775, Application US/09422978
Patent No. 6537751
                        SEQUENCE CHARACTERISTICS.
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
INPORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo Sapiens
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LOCATION: 1..20
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TYPR: DNA

GRGANISM: Homo Sapiens

REATURE:
NAME/KEY: primer_bind

CCATION: 1..21

CATION: downstream amplification primer 99-7276 for SEQ 1910, in complemer
US-09-422-978-9775
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APPLICANT: Ku, Zhidong
TITLE OF INVENTION: METHODS FOR EST-SPECIFIC FULL LENGTH CDNA CLONING
FILE REFERENCE: 480.985.1(HV)
CURRENT APPLICATION NUMBER: US/09/240,918
CURRENT PILING DATE: 1999-01-29
PRIOR PELLING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 96
SOSTWARE: Patentin Ver. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Goronzy, Jorg J.
APPLICANT: Goronzy, Jorg J.
TITLE OF INVENTION: RHEUMATOID ARTHRITIS MARKERS;
FILE REFERENCE: 07039-251001
CURRENT APPLICATION NUMBER: US/09/816,814
CURRENT PILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 23
SOPTWARE: PastSEQ for Windows Version 4.0
SSOPTWARE: 21
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                      EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER APPLICATION NUMBER: US 60/082,614
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 9775
EARLIER APPLICATION NUMBER: US 09/298,850
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100.0%; Pred. No.
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Patent No. 6265165
GENERAL INFORMATION:
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; OTHER INFORMATION: primer for PCR
US-09-816-814-13
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Best Local Similarity 100.
Matches 9; Conservative
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Sequence 15, Application US/09661569

Patent No. 6745905

GENERAL INFORMATION:
APPLICANT:
TILLE OF INVENTION:
APPLICANT:
TILLE OF INVENTION:
APPLICANT:
TILLE OF INVENTION:
PILE REFERENCE:
1942/42
CURRENT APPLICATION NUMBER: US/09/661,569
CURRENT APPLICATION NUMBER: 09/416,050
PRIOR FILING DATE: 1999-10-12
NUMBER OF SEQ ID NOS: 83
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 15
LENGTH: 24
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Facent No. 6794129

GENERAL INFORMATION:
FAPILICANT: TELLES, Jean-No. 67941291

APPLICANT: BENCAME, Diane

APPLICANT: DESCAMES, Diane

TITLE OF INVENTION: Method for Testing Resistance to Antiproteases of an HIV-2 Virus E

TITLE OF INVENTION: in a Biological Sample Taken from a Patient

CHRENT PAPLICATION NUMBER: DC7/FR00/0178

FILE REFERENCE: 111380

CHRENT PLING DATE: 2002-02-20

FRIOR FILING DATE: 2000-06-21

FRIOR FILING DATE: 1999-06-21
                 Patent No. 6232461
GENERAL INFORMATION:
APPLICANT: KIM. Soo Young
TITLE OF INVENTION:
ADSIST ACID ASSIST ACID Responsive Element -Binding Transcription Factors
FILE REFERENCE: 1942/42
CURRENT APPLICATION NUMBER: US/09/665,309
CURRENT PILING DATE: 2000-09-19
PRIOR PILING DATE: 1999-10-12
NUMBER OF SEQ ID NOS: 83
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15
LENGTH: 24
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Sequence 15, Application US/09665309
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ORGANISM: Arabidopsis thaliana
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; ORGANISM: Arabidopais thaliana
US-09-665-309-15
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Best Local Similarity 100.
Matches 9; Conservative
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US-09-661-569-15/c
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Patent No. 621857
GENERAL INFORMATION:
APPLICANT: KIM. Soo Young
TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factor FILE REFERENCE: 1942/42
CURRENT APPLICATION NUMBER: US/09/664,800
CURRENT APPLICATION NUMBER: 09/416,050
PRIOR FILING DATE: 1999-10-12
NUMBER OF SEQ ID NOS: 83
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15
ILENGH: 24
                                                                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:

APPLICANT: KIM. Soo Young
APPLICANT: KIM. Soo Young
TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors
FILE REFERENCE: 1942/42
CURRENT APPLICATION NUMBER: US/09/416,050A
CURRENT FILING DATE: 1999-10-12
NUMBER OF SEQ ID NOS: 83
SOFTHARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15
LENGTH: 24
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                                                                ; OTHER INFORMATION: Description of Artificial Sequence: primer US-09-240-918-9
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                                                                                                                              Query Match 100.0%; Score 9; DB 3; Length 22; Best Local Similarity 100.0%; Pred. No. 9.8e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 9.9e+03;
ative 0; Mismatches 0;
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; ORGANISM: Arabidopsis thaliana
US-09-664-800-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ORGANISM: Arabidopsis thaliana
US-09-416-050A-15
      TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 100.
Matches 9; Conservative
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US-09-665-309-15/c
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; Pred. No. 9.9e+03; 
0; Mismatches 0; Indels
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                            Length 25;
                                                                     0; Indels
                          DB 4; Le
. 9.9e+03;
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Fatent No. 6821724
GENERAL INFORMATION:
APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Lockhart
APPLICANT: David Lockhart
APPLICANT: David Lockhart
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 310.1.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: 60/100,678
PRIOR PELING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127866
SOFTWARE: FRAESEQ for Windows Version 4.0
SEQ ID NO 53922
MENDET NOS 53922
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APPLICANT: David Mack
APPLICANT: David Lockhart
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REPERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR PILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 92449
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                            100.0%; Score 9;
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                            Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
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Best Local Similarity 100.
Matches 9; Conservative
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US-09-396-196G-92449
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Best Local Similarity
Matches 9; Conserv
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US-09-396-196G-53922/c
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Patent No. 6821724
GENERAL INFORMATION:
APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: Fastered for Windows Version 4.0
SERVITANT: 25
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TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 310.1.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: 60/100,678
PRIOR PILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 25
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Patent No. 6821724
GENERAL INFORMATION:
APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Mack
                                                                                                                                                ; OTHER INFORMATION: Probe (position 54) US-09-980-777-13
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin version 3.1
SEQ ID NO 13
LENGTH: 25
                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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CORGANISM: Mus musculus
US-09-396-196G-27691
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Best Local Similarity
Matches 9; Conserv
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                                                                                                                                                                                                                                                                                                                                                                      0, Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Michael Mithmann
APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: David Lockhart
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
FURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: FasteEQ for Windows Version 4.0
SEQ ID NO 108085
LENGTH: 25
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Sequence 108086, Application US/09396196G

Sequence 108086, Application US/09396196G

PAREAL INFORMATION:
APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: Affymetrix, Inc.
ITILE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT PPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR PLING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: FRASESQ for Windows Version 4.0
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: 60/100,678
PRIOR PAPLICATION NUMBER: 60/100,678
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SEQ ID NOS: 127806
SEQ ID NOS: 127806
SEQ ID NOS 98061
                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                                                                                              Score 9;
Pred. No.
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                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                            ; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-98061
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                                                          Sequence 94038, Application US/09396196G
Patent No. 682724
GENERAL INPORMATION:
APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: David Mack
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR PILLING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 94038
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GENERAL INFORMATION:
APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: David Mack
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 310.1.1
CURRENT FILING DATE: 1990-09-15
PRIOR APPLICATION NUMBER: 60/100,678
PRIOR PILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 98060
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; Sequence 98060, Application US/09396196G
; Patent No. 6821724
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US-09-396-196G-98061/c
; Sequence 98061, Application US/09396196G
; Patent No. 6821724
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APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Lockhart
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; ORGANISM: mus musculus
US-09-396-196G-98060
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Best Local Similarity
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US-09-36-196G-120708/C

Sequence 120708, Application US/09396196G

Patent No. 6821724

GENERAL INFORMATION:
APPLICANT: Mitchael Mittmann
APPLICANT: David Lockhart
APPLICANT: David Lockhart
APPLICANT: David Lockhart
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15

PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806

SOFTWARE FRAEESEQ for Windows Version 4.0

SEQ ID NO 120708

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APPLICANT: David Lockhart
APPLICANT: David Lockhart
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT FILING DATE: 1999-09-15
FRIOR APPLICATION NUMBER: 60/100,678
PRIOR APPLICATION NUMBER: 60/100,678
PRIOR APPLICATION NUMBER: 60/100,678
PRIOR PAPLICATION NUMBER: 60/100,678
PRIOR PLLING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SEQ ID NO: 120728
LENGTH: 25
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Patent No. 6821724
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 9; Conservative
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Best Local Similarity 100.
Matches 9; Conservative
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; ORGANISM: mus musculus
US-09-396-196G-120708
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CORGANISM: mus musculus
US-09-396-196G-120728
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US-09-396-196G-120729/c
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                                                                                                                                                                                                  DB 4; Length 25;
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; Batent No. 6821724
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REPERBNCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR PILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FRSESEQ for Windows Version 4.0
; SEQ ID NO 116193
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Factor No. 6821724
Factor No. 6821727
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Factor No. 6921727
Factor No. 69217
Factor No. 6921
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; ORGANISM: mus musculus
US-09-396-196G-116193
                                                                  ; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-108086
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Best Local Similarity
Matches 9; Conserv
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Best Local Similarity
Matches 9; Conserv
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US-09-396-196G-116193
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US-09-396-196G-116194
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SEQ ID NO 108086
LENGTH: 25
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GENERAL INFORMATION:
APPLICANT: Michael Mittmann
APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Mack
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR PILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 120735
LENGTH: 25
TYPE: DNA
ORGANISM: mus musculus
US-09-396-196G-120735
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Patent No. 6821724
GENERAL INPORMATION:
APPLICANT: Michael Mittmann
APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: David Mack
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT APPLICATION NUMBER: 06/100,678
FRIOR PRILING DATE: 1998-09-15
FRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: PSELSEQ for Windows Version 4.0
SEQ ID NO 120736
LENGTH: 25
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Pred. No.
CURRENT FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: 60/100,678
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: FASLSEQ for Windows Version 4.0
SEQ ID NO 120731
LENGTH: 25
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Best Local Similarity 100.
Matches 9; Conservative
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CORGANISM: mus musculus
US-09-396-196G-120731
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Best Local Similarity
19, Conserve
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APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR PILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 25
                                                            APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: David Lockhart
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 25
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APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Lockhart
APPLICANT: David Lockhart
TITLE OF INVENTION Methods of Genetic Analysis
FILE REFERENCE: 3101.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-396-196G-120730/c
; Sequence 120730, Application US/09396196G
; Patent No. 6821724
; GENERAL INFORMATION;
; APPLICANT: Michael Mittmann
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 29
US-00-396-126G-120731/c
; Sequence 120731, Application US/09396196G
; Patent No. 6821724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.
                                                APPLICANT: Michael Mittmann
                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
CORGANISM: mus musculus
US-09-396-196G-120730
                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
CORGANISM: mus musculus
US-09-396-196G-120729
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12 TAGGAGGAT 4
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STATE: NORTH CAROLINA COUNTRY: USA ZIP: 27707
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE DOCKET NUMBER: 1.
TELECOMMUNICATION INFORMATION
TELEPHONE: (919) 493-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (919) 419-0383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100...
Perman 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-061-768A-33
                                                         US-09-061-768A-33
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                                   100.0%; Score 9; DB 4; Length 25; 100.0%; Pred. No. 9.9e+03; 7ative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 9; DB 4; Length 25; 100.0%; Pred. No. 9.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: Affymetrix, Inc.
ITILE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
PRIOR PILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: Fasteseq for Windows Version 4.0
SSOFTWARE: 25
                                                                                                                                                                                                                                                                             GENERAL INTORANTION:
APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: David Mack
APPLICANT: David Mack
TILE OF INVENTION: Methods of Genetic Analysis
FILE REFRENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT PILING DATE: 1999-09-15
PRIOR PLILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 120737
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                              ; Sequence 120737, Application US/09396196G
; Patent No. 6821724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 120738, Application US/09396196G Patent No. 6821724
                 Query Match
Best Local Similarity luv.
9, Conservative
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Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-120738
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: mus musculus
                                                                                                               1 TAGGAGGAT 9
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US-09-396-196G-120738/c
                                                                                                                                                                                                            RESULT 32
US-09-396-196G-120737/c
US-09-396-196G-120736
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STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
CITY: DURHAM
US-09-06-708A-33

US-09-06-708A-33

US-09-06-708A-33

Sequence 33, Application US/09061768A

Patent No. 6204037

GENERAL INFORMATION:

APPLICANT: BRASH, ALAN R.

APPLICANT: BORGLIN, WILLIAM E.

APPLICANT: BORGLIN, WILLIAM E.

APPLICANT: JISAK, MITSUO

TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS

NUMBER OF SEQUENCES: 36

CORRESPONDENCE ADDRESS:

ADDRESSEE: ARLES A. TAYLOR, JR.

STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD

STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD

COUNTRY: USA

CONTRY: USA

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage

COMPUTER: MORD PERFECT 6.1 and ASCII

COMPUTER: MORD PERFECT 6.1 and ASCII

COMPUTER: MORD PERFECT 6.1 and ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/061,768A

FILING DATE: APRIL 16, 1998

CLASSIFICATION NUMBER: 105/09/061,768A

FILING DATE: APRIL 16, 1998

FILING DATE: APRIL 16, 1998

FILING APPLICATION NUMBER: NONE

APPLICATION NUMBER: 18PORMATION:

NAME: ARLES A. TAYLOR, JR.

REFERENCE LOCKET NUMBER: 1242/5

REFERENCE LOCKET NUMBER: 1242/5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 33, Application US/09764246
Patent No. 6649355
GENERAL INFORMATION:
APPLICANT: BRASH, ALAN R.
BOEGLIN, WILLIAM E.
JISAKA, MITSUO
TITLE OF INVORTION:
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  .
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9.9e+03;
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Sequence 105, Application US/09019793A

Patent No. 6380376

GENERAL INFORMATION:

APPLICANT: PAUL, Prem

APPLICANT: MENG, Xiang-Jin

APPLICANT: MENG, Xiang-Jin

APPLICANT: MENG, Xiang-Jin

APPLICANT: MENGLOV, 190r

TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE

TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV)

FILE REFERENCE: 4652-0039-55X CIP

CURRENT FILING DATE: 1998-02-06

PRIOR APPLICATION NUMBER: US/09/019,793A

CURRENT FILING DATE: 1995-06-07

PRIOR FILING DATE: 1993-10-05

PRIOR FILING DATE: 1993-10-05

PRIOR FILING DATE: 1993-10-05

PRIOR FILING DATE: 1993-10-05

PRIOR SEQIEN NUMBER: 07/969,071

PRIOR FILING DATE: 1992-10-30

NUMBER OF SEQIEN NOS: 108

SEQIENTARE: Patentin Ver. 2.1

FENDER SEQIEN NO 105
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Batent No. 6773908

Batent No. 6773908

GENERAL INFORMATION:

APPLICANT: PAUL DR, PREM S

APPLICANT: ZHANG, YANJIN

ITILE OF INVENTION: PROTEINS ENCODED BY POLYMUCLEIC ACIDS OF PORCINE

TITLE OF INVENTION: REPRODUCTIVE AND REPIRATORY SYNDROME VIRUS (PPRSV)

FILE REPERENCE: 8199-0005-55XCIP WO

CURRENT APPLICATION NUMBER: US/09/601,326

CURRENT FILING DATE: 2000-09-25

PRIOR PILING DATE: 1999-04-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA US-09-019-793A-105
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                                                                                                                                                                                                                   Length 29;
                                                                                                                                                                                                             Query Match
100.0%; Score 9; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 9.9e+03;
Matches 9; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 9; DB 3; 100.0%; Pred. No. 1e+04;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
             information for SEQ ID NO: 21 SEQUENCE CHARACTERISTICS: LENGTH: 29 base pairs if TYPE: nucleic acid STRANDEDNES: single i TOPOLOGY: linear US-08-310-356-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 100.
Matches 9; Conservative
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          COMPUTER: Diskette, 3.50 inch, 1.4 MB storage COMPUTER: IBM PC/XT/AT compatible OPERATING SYSTEM: Windows 3.1

CORPUTER: IBM PC/XT/AT compatible OPERATING SYSTEM: Windows 3.1

SOFTWARE: WORD PERFECT 6.1 and ASCII APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/764,246
FILING DATE: 17-An-2001
CLASSIFICATION NUMBER: GANCHOWN>
FILING DATE: CANCHOWN>
APPLICATION NUMBER: AND STEE CANCHOWN>
REGISTRATION NUMBER: 39,395

REGISTRATION NUMBER: 39,395

REGISTRATION NUMBER: 39,395

TELEPHONE: (919) 493-8000

TELEPHONE: (919) 493-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Indels
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Sequence 20, Application US/08310356

Sequence 20, Application US/08310356

Patent No. 56482410N:
APPLICANT: Hurwitz, David R

APPLICANT: Hurwitz, David R

APPLICANT: Shani, Moshe

TITLE OF INVENTION: Transgenic Protein Production
NUMBER OF SEQUENCES: 36

CORRESPONDENCE 31

CORRESPONDENCE ADDRESS:

ADDRESSEE: Rhond-Poulenc Rorer Legal Department

STREET: 500 Arcola Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 19426
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System 7.0
SOFTWARE: Microsoft Word Version 5.0 (Patentin)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/310,356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 9; DB 4; Let 100.0%; Pred. No. 9.9e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 33:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/737,853
FILING DATE: 31-JUL-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX: «Unknown»
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       32,534
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REGISTRATION NUMBER: 32,534
REFERENCE/DOCKET NUMBER: AO
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 454-3817
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Collegeville
STATE: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7 TAGGAGGAT 15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-764-246-33
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/518,763
FILING DATE: 01-MAX-1990
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTATION NUMBER: 36,252
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEPHONE: (215) 563-4100
INFORMATION POR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 46, Application US/09193853; Patent No. 6388168; GENERAL INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/189,256
                                                                                                                                              MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-189-256A-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.
Matches 9; Conservative
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STRANDEDNESS: single
TOPOLOGY: linear
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US-09-193-853-46/c
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APPLICANT: Waliga, Pal
APPLICANT: Svab, Zora
APPLICANT: Staub, Jeffrey
APPLICANT: Staub, Jeffrey
APPLICANT: Carrer, Helaine
APPLICANT: Carrer, Helaine
APPLICANT: Alison, Lori A.
APPLICANT: Alison, Lori A.
APPLICANT: Answer, Ivan
TITLE OF INVENTION: DAS Constructs and Methods for Stably
TITLE OF INVENTION: Expressing Recombinant Proteins Therein
NUMBER OF SEQUENCES: 47
CORRESPONDENCES: 47
CORRESPONDENCES: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STREET: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Description of Artificial Sequence:Synthetic DNA US-09-601-326-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.0%; Score 9; DB 4; Length 30; Best Local Similarity 100.0%; Pred. No. 1e+04; Matches 9; Conservative 0; Mismatches 0; Indels
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ZIP: 19103-2307

COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: TEM PC compatible
COMPUTER: TEM PC compatible
COMPUTER: TEM PC compatible
COMPUTER: TABLE SECTION DATA:
APPLICATION NUMBER: US/08/189,256A
FILING DATE: 31-JAN-1994
CLASSIPICATION DATA:
APPLICATION NUMBER: US 08/111,398
FILING DATE: 25-AUG-1993
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/518,763
FILING DATE: 01-MAY-1990
ATTORNEY/AGERT INFORMATION:
NAME: REGG, Janet E.
REGISTRATION NUMBER: 36,252
PRIOR APPLICATION NUMBER: US 09/019,793
PRIOR PILING DATE: 1998-02-06
PRIOR APPLICATION NUMBER: US 08/478,316
PRIOR PILING DATE: 1995-06-07
PRIOR PLILING DATE: 1994-09-01
PRIOR APPLICATION NUMBER: US 08/301,435
PRIOR APPLICATION NUMBER: US 08/131,625
PRIOR PILING DATE: 1993-10-05
PRIOR PILING DATE: 1993-10-30
NUMBER OF SEQ ID NOS: 175
SOFTWARE: PATENTIN VET: 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 46, Application US/08189256A; Patent No. 5877402
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                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
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APPLICANT: Staub, Jeffrey
APPLICANT: Staub, Jeffrey
APPLICANT: Staub, Jeffrey
APPLICANT: Alison, Lori A.
APPLICANT: Alison, Lori A.
APPLICANT: Alison, Lori A.
APPLICANT: Carrer, Helaine
APPLICANT: Carrer, Helaine
APPLICANT: Kanevski, Ivan
TITLE OF INVENTION: Transforming Plastids of Multicellular Plan
TITLE OF INVENTION: Expressing Recombinant Proteins Therein
NUMBER OF SEQUENCES.
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
                                                              ö
100.0%; Score 9; DB 2; Length 33; 100.0%; Pred. No. 1e+04; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER TROB-2307
COMPUTER: FLOPPY disk
COMPUTER: FLOPPY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/193,853
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US-09-193-853-46

0; Gaps Query Match 100.0%; Score 9; DB 3; Length 33; Best Local Similarity 100.0%; Pred. No. 1e+04; Matches 9; Conservative 0; Mismatches 0; Indels

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Search completed: March 22, 2005, 10:49:05 Job time: 82 secs

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9775, Ap
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US-10-257-017B-338584
US-10-257-017B-338584
US-10-257-017B-338584
US-10-257-017B-338584
US-10-257-017B-339176
US-10-257-017B-375136
US-10-257-017B-376139
US-10-257-017B-36205
US-10-257-017B-36206
US-10-257-017B-36206
US-10-257-017B-36206
US-10-257-017B-36206
US-10-257-017B-36206
US-10-257-017B-36206
US-10-257-017B-21399
US-10-257-017B-21399
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US-10-257-017B-21399
US-10-257-017B-21399
US-10-257-017B-21399
US-10-257-017B-21399
US-10-257-017B-262995
US-10-257-017B-262995
US-10-257-017B-262995
US-10-257-017B-262995
US-10-257-017B-262995
US-10-257-017B-262996
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US-00-828-344-163
US-00-828-344-164
US-10-006-191-104
US-10-277-216-200
US-10-349-143-6304
US-10-126-022-200
US-10-183A-484
US-10-160-764-17
US-10-160-764-17
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US-10-160-761-1355
US-10-786-720-11359
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273134,
273134,
283661,
285766,
295564,
306420,
314625,
                                                                                                                             March 22, 2005, 09:20:43; Search time 319.875 Seconds (without alignments) 167.500 Million cell updates/sec
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Compugen Ltd.
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US-10-122-633-2
US-10-233-765-202
US-10-257-017B-273134
US-10-257-017B-27365
US-10-257-017B-286795
US-10-257-017B-29564
US-10-257-017B-29564
US-10-257-017B-295027
US-10-257-017B-299027
US-10-257-017B-299027
US-10-257-017B-299027
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                     version 5
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Maximum Match 100%
Listing first 100 summaries
                                                                                           nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
                   GenCore
Copyright (c) 1993
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Match
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Maximum DB
                                                                                           OM nucleic
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No.
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Sequence 273134, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Alexander Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNP8] and cytosine
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100.0%; Score 9; DB 16; Length 10;
Best Local Similarity 100.0%; Pred. No. 6.8e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , OTHER INFORMATION: synthetically generated oligonucleotide US-10-223-765-202
                                                                                                                                                                                                                                                                                                                                                                                                          Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Kim, Jin-Soo
APPLICANT: Bae, Kwang-Hee
APPLICANT: Bark, Kwang-Hee
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Hwang, Moon-Sun
TITLE OF INVENTION: ZINC FINGER DOMAIN LIBRARIES
FILE REFERENCE: 12279-005001
CURRENT APPLICATION NUMBER: 06/374,355
PRIOR PILING DATE: 2002-08-19
PRIOR FILING DATE: 2002-08-19
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 305
SOFTWARE: FastSEQ for Windows Version 4.0
SSOFTWARE: Land DATE: LOW DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 305
SOFTWARE: PASTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
100.0%; Score 9; DB 14; 1
Best Local Similarity 100.0%; Pred. No. 6.6e+08;
Matches 9; Conservative 0; Mismatches 0;
              CURRENT APPLICATION NUMBER: US/10/122,633
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR FILING DATE: 2000-03-31
PRIOR PILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOTUMARR: FASTSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 9
                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Synthetic DNA Fragment US-10-122-633-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 202, Application US/10223765
Publication No. US20030165997A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
    FILE REFERENCE: 0054.1088-019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 TAGGAGGAT 10
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US-10-223-765-202
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                        Sequence 11449,
Sequence 11450,
Sequence 20851,
Sequence 20852,
Sequence 21292,
Sequence 21293,
Sequence 21294,
Sequence 21596,
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         Sequence
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Sequence 2, Application US/1012630

Publication No. US20030032610A1

GENERAL INFORMATION:

APPLICANT: Glichrest, Barbara A.

APPLICANT: Glichrest, Barbara A.

APPLICANT: Bler, Mark S.

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Oligonuclectides

FILE REFERENCE: 0054.1088-018

CURRENT PELICATION WUMBER: US/10/122,630

CURRENT FILING DATE: 2002-04-12

PRIOR PELICATION NUMBER: US 08/467,012

PRIOR FILING DATE: 1995-06-06

PRIOR PILING DATE: 1996-06-03

PRIOR APPLICATION NUMBER: US 09/648,927

PRIOR APPLICATION NUMBER: US 09/648,927

PRIOR APPLICATION NUMBER: US 09/640,843

PRIOR PILING DATE: 1998-03-26

PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2001-03-30

NUMBER OF SEQ ID NOS: 15

SEQ ID NO 2

LENGTH: 9

LENGTH: 9
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APPLICANT: Eller, Mark S.
APPLICANT: Yaar, Mina
ITTLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
US-10-786-720-11364
US-10-786-720-11449
US-10-786-720-11450
US-10-751-736-20851
US-10-751-736-20852
US-10-751-736-20853
US-10-751-736-21293
US-10-751-736-21294
US-10-751-736-21294
US-10-751-736-21596
US-10-751-736-21596
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                                                                                                                                                                                                                                                                                                                                     US-10-751-736-49178
US-10-751-736-49179
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US-10-122-630-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/10122633 Publication No. US20030032611A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 9; Conservative
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Sequence 295564, Application US/10257017B
Sequence 295564, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: B01/1193/WO
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
FRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 295564
FROM FILENCE: APPLICATION NUMBER: DE 10019173.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 286795, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms (SNPs) and cytosine
TITLE OP INVENTION: methylations
FILE REPERENCE: E01/1193/WO
CURRENT PILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 286795
LENGTH: 12
     ; SEQ ID NO 283661

; LENGTH: 12

; TYPE: DIA

; ORGANISM: Artificial Sequence

; PEATURE:

; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011446

US-10-257-017B-283661
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012825
US-10-257-017B-286795
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                                                                                                                                                                                                                                    Length 12;
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100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                         0; Indels
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Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0;
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ORGANISM: Artificial Sequence
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US-10-257-017B-295564
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US-10-257-017B-279026/C
Sequence 279036, Application US/10257017B
Sequence 279036, Application US/10257017B
Sequence 279036, Application US/10257017B
PUBLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: ALEXANDER: OLIVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT PILING DATE: 2000-01-0-07
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 279026
LENDITH: 12
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APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: methylations
FITLE OF INVENTION: methylations
FILE REFERENCE: B01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257,017B
FILE REFERENCE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP ISC0003058 US-10-257-017B-273134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0006799 US-10-257-017B-279026
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100.0%; Score 9; DB 18; L
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0;
; TITLE OF INVENTION: methylations; FILE REFERENCE: B01/1193/WO: CURRENT APPLICATION NUMBER: US/10/257,017B; FRIOR APPLICATION NUMBER: D002-10-07; PRIOR APPLICATION NUMBER: DE 10019173.8; PRIOR FILING DATE: 2000-04-07; NUMBER OF SEQ ID NOS: 382046; SQU ID NOS: 382046; SENGTH: 12
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Matches 9; Conservative
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APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlinn biepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OP INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT PILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER FO SEQ ID NOS: 382046
SEQ ID NO 314625
MANDER FOR SEQ ID NOS: 382046
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APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT PRILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 316022
LENGTH: 12
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, OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0027234
US-10-257-017B-316022
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Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0: The delta
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100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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APPL/CANT: Alexander Olek
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 13
US-10-257-017B-338584/c
; Sequence 338584, Application US/10257017B
; Publication No. US20040241651A1
                                                                                                           Sequence 314625, Application US/10257017B Publication No. US20040241651A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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1 TAGGAGGAT 9
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US-10-257-017B-316022
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Sequence 299027/Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Rurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNP8] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-04-07
PRIOR APPLICATION NUMBER: DE 10019173.8
FRIOR PRIOR APPLICATION NUMBER: DE 10019173.8
SEQ ID NO 299027

LENGTH: 12
LENGTH: 12
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Publication No. US20040241651A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Christian Piepenbrock
APPLICANT: Mark Berlin
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
FILE REPERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2002-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 306420
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Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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                         100.0%; Score 9; DB 18; Length 12; 100.0%; Pred. No. 6.7e+04;
                                                                           0; Mismatches
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ORGANISM: Artificial Sequence
                                                                           9; Conservative
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12 TAGGAGGAT 4
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                                                    Best Local Similarity
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US-10-257-017B-306420
                              Query Match
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Sequence 376139, Application US/10257017B

Sequence 376139, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Kurt Berlin
TITLE OF INVENTION: methylations
FILE REPERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B

CURRENT PELING DATE: 2000-04-07

RIOR APPLICATION NUMBER: D10019173.8

FRIOR PAPLICATION NUMBER: D10019173.8

FRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 376139

LENGTH: 12
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APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REPERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: 0210/257,017B
CURRENT FILING DATE: 2000-04-07
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 3'5136
LENGTH: 12
                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0041493
US-10-257-017B-340374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Oligonuclectide primer for the detection of SNP TSC0061083 US-10-257-017B-375136
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                                                                                                                                                                                                                                                                                                                                             Length 12;
                                                                                                                                                                                                                                                                                                                                           100.0%; Score 9; DB 18; 1 100.0%; Pred. No. 6.7e+04;
                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 340374
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 375136, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
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Matches 9; Conservative
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US-10-257-017B-375136/c
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                                           APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION WUMBER: 108/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR PILING DATE: 2000-04-07
NUMBER: OF SEQ ID NOS: 382046
SEQ ID NO 338584
LENGTH: 12
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APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: B01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: D8 10019173.8
PRIOR APPLICATION NUMBER: D8 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NOS: 382046
LENGTH: 12
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Publication No. US20040241651A1
GRUSTAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: R01/1193/WO
                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0040564 US-10-257-017B-338584
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP ISC0040884 US-10-257-017B-339176
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100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
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APPLICANT: Alexander Olek
                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
                           APPLICANT: Alexander Olek
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GENERAL INFORMATION:
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US-10-257-017B-340374
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Sequence 6159, Application US/10257017B

Sequence 6159, Application US/10257017B

Sequence 6159, Application US/10257017B

SEMBRAL INFORMATION:
SEMBRAL INFORMATION:
THILE OF INVENTION:
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine;
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1133/WO

CURRENT FILING DATE: 2002-10-07

PRIOR PAPLICATION NUMBER: 0202-10-07

PRIOR PILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 6159

LENGTH: 13

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APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 6160
LENGTH: 13
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US-10-257-017B-6159
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US-10-257-017B-6160
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100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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                           Indels
  Pred. No. 6.7e+04;
                           0; Mismatches
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100.08;
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 9; Conservative
  Best Local Similarity 100.
Matches 9; Conservative
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US-10-257-017B-6159
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APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REPERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: 105/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 380205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DEFLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kutt Berlin
APPLICANT: Kutt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: 105/10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 378060
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                                                         FEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0061637
US-10-257-017B-376139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0062608 US-10-257-017B-378060
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100.0%; Score 9; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 6.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                             Query Match 100.0%; Score 9; DB 18; Length 12; Best Local Similarity 100.0%; Pred. No. 6.7e+04; Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 378060, Application US/10257017B Publication No. US20040241651A1 GENERAL INFORMATION:
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  TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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US-10-257-017B-380205/c
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100.0%; Score 9; DB 18; Length 12;

Query Match

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APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
FILE REPERBNCE: E01/193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 40334
LENGTH: 13
                     APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT PILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 40333
LENGTH: 13
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Sequence 54941, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REPERENCE: E01/1191/WO
CURRENT APPLICATION WUMBER: US/10/257,017B

CURRENT FILING DATE: 2002-10-07
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; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012244
US-10-257-017B-40333
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0012244
US-10-257-017B-40334
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Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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Christian Piepenbrock
                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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US-10-257-017B-40334/c
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                                                          Sequence 20923, Application US/10257017B

Sequence 20923, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Kurt Berlin
TITLE OF INVERTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosing
TITLE OP INVERTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT FILING DATE: 2002-10-07

PRIOR APPLICATION NUMBER: US 10019173.8

PRIOR APPLICATION NUMBER: DE 10019173.8

PRIOR ELING DATE: 2000-04-07

NUMBER: OLE APPLICATION NUMBER: DE 10019173.8
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Sequence 20924, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Kurt Berlin Depenbrock
APPLICANT: Kurt Berlin Depenbrock
APPLICANT: Kurt Berlin Depenbrock
APPLICANT: Rurt Berlin Depenbrock
APPLICANT: Rurt Berlin Defection of single nucleotide polymorhphisms [SNPS] and cytosine
TITLE OF INVENTION: metbylations
FILE REFERENCE: 801/1193/WO
CURRENT PILING DATE: 2002-10-07
FRIOR PILING DATE: 2002-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 20924
LENGTH: 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FRATURE:
; CTHER INFORMATION: Oligonuclectide for detection of SNP TSC0004246 US-10-257-017B-20923
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Publication No. US20040241651A1
GENERAL INPORMATION:
APPLICANT: Alexander Olek
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 20923
LENGTH: 13
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                                                US-10-257-017B-20923
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Sequence 84907, Application US/10257017B
Sequence 84907, Application US/10257017B
Sublication No. US20040241651A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: KILE Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT FILING DATE: 2002-10-07
FILE REPERINCE: 2002-10-07
NUMBER: OF SEQ ID NOS: 382046
SEQ ID NOS: 382046
SEQ ID NOS: 98207
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Sequence 72190, Application US/10257017B

Bublication No. US20040241651A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine TITLE OF INVENTION: methylations
FILE REFERENCE: BO1/1193/WO
CURRENT FILING DATE: 2002-10-07
PRIOR PELING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 72190
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US-10-257-017B-84907
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018653
US-10-257-017B-72190
                   ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0018653
US-10-257-017B-72189
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Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                 Query Match
100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 9; Conservative
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US-10-257-017B-72190/c
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OP INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OP INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR PAPLICATION NUMBER: DE 10019173.8
PRIOR PILING DATE: 2006-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 54942
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Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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  PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO S4941
LENGTH: 13
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; Sequence 54942, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
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Best Local Similarity
Matches 9; Conserv
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Sequence 128783, Application US/10257017B

Sequence 128783, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:

APPLICANT: Christian Piepenbrock

APPLICANT: Christian Piepenbrock

APPLICANT: Christian Piepenbrock

APPLICANT: Christian Piepenbrock

TITLE OF INVENTION: Detection of Single nucleotide polymorhphisms [SNPS] and cytosine

TITLE OF INVENTION: methylations

TITLE OF INVENTION: methylations

TITLE OF INVENTION: methylations

FILE REFERENCE: E01/193/WO

CURRENT APPLICATION NUMBER: US/10/257,017B

CURRENT FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 128783

LENGTH: 13

TYPE: DNA

TYPE: DNA

ONGANISM: Artificial Sequence
Sequence 118050, Application US/10257017B

Sequence 118050, Application US/2041651A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TAPPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Rurt Berlin
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT PAPLICATION NUMBER: US/10/257,017B
CURRENT PILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 118050
MUNDER OF SEQ ID NOS: 382046
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0029521
US-10-257-017B-118050
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100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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Publication No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
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US-10-257-017B-128784/c
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US-10-257-017B-128783
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Publication No. US20040241651A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Kurt Berlin
APPLICANT: Kurt Berlin
APPLICANT: Kurt Berlin
APPLICANT: Kurt Berlin
APPLICANT: With Berlin
APPLICANTON: Detection of single nucleotide polymorhphisms [SNPS] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT FILING DATE: 202-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
FRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 84908
LENGTH: 13
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Publication No. US20040241651A1

GRNERAL INFORMATION:

APPLICANT: Alexander Olek

APPLICANT: Christian Piepenbrock

APPLICANT: Kurt Berlin

TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine

TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine

TITLE OF INVENTION: methylations

FILE REFERENCE: E01/1193/WO

CURRENT PILING DATE: 2002-10-07

PRIOR PLING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 118049
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US-10-257-017B-118049
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ORGANISM: Artificial Sequence
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Matches 9, Conservative
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11 TAGGAGGAT 3
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US-10-257-017B-118049
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 192850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REPERENCE: E01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 192849
LENGTH: 13
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005223
                                                                                                                                              CTHER INFORMATION: Oligonucleotide for detection of SNP TSC0006798 US-10-257-017B-166364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0005223
US-10-257-017B-192849
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100.0%; Score 9; DB 18; I
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0;
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; Sequence 192850, Application US/10257017B
; Publication No. US20040241651A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-10-257-017B-192849
; Sequence 192849, Application US/10257017B
; Publication No. US20040241651A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
        NUMBER OF SEQ ID NOS: 382046
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                             SEQ ID NO 166364
LENGTH: 13
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APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REPERENCE: E01/1133/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR PILING DATE: 2000-04-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kutt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR PILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 166363
LENGTH: 13
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine TITLE OF INVENTION: methylations FILE REFERENCE: E01/1193/WO CURRENT APPLICATION WUMBER: 2010-07 PRIOR APPLICATION NUMBER: DE 10019173.8 PRIOR PILING DATE: 2000-04-07 NUMBER: DE 2001-04-07 NUMBER: DE 2001-04-07 NUMBER: DE 2001-04-07 NUMBER: OF SEQ ID NOS: 382046 SEQ ID NO 128784
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Oligonuclectide for detection of SNP TSC0006798 US-10-257-017B-166363
                                                                                                                                                                                                                                                                                                                                          , OTHER INFORMATION: Oligonucleotide for detection of SNP TSC0032242 US-10-257-017B-128784
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100.0%; Score 9; DB 18; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.6e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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APPLICANT: Alexander Olek
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 166363, Application US/10257017B Publication No. US20040241651A1 GENERAL INFORMATION:
APPLICANT: Alexander Olek
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                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence
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Best Local Similarity 100.
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TAGGAGGAT 10
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US-10-257-017B-166364/c
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US-10-257-017B-166363
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Sequence 201789, Application US/10257017B
Sequence 201789, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
FILE REFERENCE: E01/1193/WO
FILE REFERENCE: E01/1193/WO
FILE REFERENCE: DE 10019173.8
FILE REFERENCE: 2002-10-07
PRIOR PILING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 201789
LENGTH: 13
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                                                                                                         Gaps
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CRGANISM: Artificial Sequence
FRATURE:
COTHER INFORMATION: Oligonucleotide for detection of SNP TSC0049618
US-10-257-0178-201789
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                                                Query Match 100.0%; Score 9; DB 18; Length 13; Best Local Similarity 100.0%; Pred. No. 6.6e+04; Matches 9; Conservative 0; Mismatches 0; Indels
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US-10-257-017B-192850
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US-10-257-017B-201789
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Search completed: March 22, 2005, 19:09:31 Job time : 323.875 secs

2 TAGGAGGAT 10

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Sequence 24, A Sequence 59, A Sequence 1, Ap Sequence 125,	Sequence 125, Sequence 461,	, co co co	Sequence 371, Sequence 813, Sequence 815, Sequence 6, Ap	Sequence 2, Sequence 443	Sequence 5 Sequence 6 Sequence 4	Sequence 444	Sequence 27: Sequence 27:	Sequence 2753, Sequence 2754, Sequence 2755,	Sequence 2756, Sequence 2757,		Sequence 8153, Sequence 8154, Sequence 8155, Sequence 8156,	Sequence 8158, Sequence 8159,	Sequence 81 Sequence 59 Sequence 8,	Sequence 55 Sequence 10	Sequence 8, Sequence 19	Sequence 24	Sequence 29	Sequence 8,	Sequence 6, Sequence 8,	Sequence 80,	Sequence	Sequence 462	Sequence 457	Sequence 99' Sequence 26,	Sequence 67.	Sequence 30;	Sequence 27, Sequence 441	Sequence 8, Sequence 25,
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gen Ltd.		ime 60.6667 Seconds c alignments) Million cell updates/sec				1407054			•	eq:* 8eq:* RB.seq:*	<pre>by chance to have a he result being printed, a distribution</pre>		Description	Sequence	Sequence 3	Sequence	Sednence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	Sequence	equenc
GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.	search, using sw model	Se 1 u	US-09-540-843-3 7 1 agtatga 7	IDENTITY NUC Gapop 10.0 , Gapext 1.0	eegs, 818138359 residues	fying chosen parameters:	0 200	Minimum Match 0% Maximum Match 100% Listing first 100 summaries	Patents NA:*	/cgm2_6/ptodata/1/ina/5B_COMB.seq:* /cgm2_6/ptodata/1/ina/6A_COMB.seq:* /cgm2_6/ptodata/1/ina/6B_COMB.seq:* /cgm2_6/ptodata/1/ina/6B_COMB.seq:* /cgm2_6/ptodata/1/ina/PCTUS_COMB.seq:*	ce to hav It being	SUMMARIES	Descri	3 US-09-048-927-3 Sequence 3 reconstructions	, ,,,,	2 US-08-485-133-27 Sequence	1 US-08-334-847-24 Sequence	1 US-08-334-847-327 Sequence 1 US-08-671-071B-2 Sequence 2	2 US-08-747-121-4 Sequence 3 US-08-585-684B-130 Sequence	2 US-08-585-684B-1315 Sequence 3 US-08-485-133-28 Sequence	3 US-09-094-714A-33 Sequence	3 US-09-049-190-6 Sequence	3 US-09-049-190-7 Sequence 3 US-09-038-073-130 Sequence	3 US-09-038-073-1315 Sequence 3 US-08-932-140C-6 Sequence	3 US-08-932-140C-7 Sequence	3 US-09-253-977-2 Sequence 4 US-09-272-343-1 Sequence	4 US-09-272-343-2 Sequence 3 US-09-486-623C-6	4 US-09-486-623C-7 Sequence 1 US-07-977-284A-59 Sequence

ALIGNMENTS

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US-08-485-133-27
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APPLICANT: Gilchrest, Barbara A.
APPLICANT: Sair, Mina
APPLICANT: Blor, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU94-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT PEPLICATION NUMBER: 08/952,697
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER PEPLICATION NUMBER: 08/467,012
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FREISEQ for Windows Version 3.0
                                                              GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Slar, Mina
APPLICANT: Bler, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REPERENCE: BU94-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT FILING DATE: 1996-03-26
BARLIER FILING DATE: 1996-06-03
BARLIER APPLICATION NUMBER: 08/467,012
BARLIER APPLICATION NUMBER: 08/467,012
BARLIER APPLICATION NUMBER: 08/467,012
BARLIER PILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 7;
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Sequence 3, Application US/09048927
Patent No. 6147056
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-048-927-1; Sequence 1, Application US/09048927; Patent No. 6147056; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: DNA Fragment
                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
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LENGTH: 9
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APPLICANT: Berglund, Lars G. T.
APPLICANT: Berglund, Lars G. T.
APPLICANT: Reneland, Rikard H.
APPLICANT: Reneland, Rikard H.
APPLICANT: Adam, Gail I. R.
TITLE OP INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE FILE REFERENCE: GG126US
CURRENT APPLICATION NUMBER: US/09/922,445
CURRENT FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 51
SSQ ID NO 22
LENGTH: 13
                                                                         GENERAL INFORMATION:
APPLICANT: Andersson, Maria K.
APPLICANT: Berglund, Lars G. T.
APPLICANT: Reneland, Rikard H.
APPLICANT: Reneland, Rikard H.
APPLICANT: Reneland, RIKARD H.
APPLICANT: RENEWERS GG126M5
TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE FILE REPERENCE: GG126M5
CURRENT APPLICATION NUMBER: US/09/922,445
CURRENT FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
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Patent No. 5976789
GENERAL INPORMATION:
APPLICANT: Allibert, Patrice A.
APPLICANT: Cros, Philippe
APPLICANT: Mach, Bernard F.
APPLICANT: Mandrand, Bernard F.
APPLICANT: Tiercy, Jean-Marie
TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 7; DB 4; Length 13; 100.0%; Pred. No. 3.6e+04; ive 0; Mismatches 0; Indels
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US-09-922-445-22
Sequence 22, Application US/09922445
Patent No. 6528268
GENERAL INFORMATION:
                                    Sequence 12, Application US/09922445 Patent No. 6528268
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Best Local Similarity 100...
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Best Local Similarity
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; ORGANISM: Bynthetic
US-09-922-445-22
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; ORGANISM: synthetic
US-09-922-445-12
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RESULT 3
US-09-922-445-12/C
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NAME/KEY: Modified Base
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Matches 7; Conservative
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TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES NUMBER OF SEQUENCES: 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Gaps
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APPLICANT: Boynton, Alton
TITLE OF INVENTION: SEQUENCES OF C4-2, A TUMOR SUPPRESSOR GENE,
TITLE OF INVENTION: AND METHODS OF USE THEREOF
NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
ADDRESSER: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 14;
                       ALTIME OF INVENTION:

UNDBER OF SEQUENCES:

ADDRESSBR:

ADDRESSBR:

ADDRESSBR:

ADDRESSBR:

ADDRESSBR:

ADDRESSBR:

ADDRESSBR:

CITY:
Alexandria
STATE:
VITGHIA
STATE
APPLICATION
NUMBER:
VITGHIA
STATE
APPLICATION
NUMBER:
VITGHIA
STATE
STATE
STATE
ADDRESSBR
ATCHING
NUMBER:
VITGHIA
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NUMBER:
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NUMBER:
VITGHIA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPALIBLE
OPERATING SYSTEM: DOS
SOFTWARE: FESTEM: DOS
SOFTWARE: PESTEM: US/08/744,905A
FILING DATE: 08-NOV-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-744-905A-4/c
; Sequence 4, Application US/08744905A
; Patent No. 5990294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 27: SEQUENCE CHARACTERISTICS: LENGTH: 14 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILING DATE: 08-NOV CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ||||||||
8 AGTATGA 14
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PRIOR APPLICATION WORRS:

ATTOMNEY, BARNER:

ATTOMNEY, AGRAT INFORMATION:

MARKET, AGRAT INFORMATION:

MARKET, AGRAT INFORMATION:

TELERANGE (121) 659864

TELERANGE (11) 610.04; Pred. No. 3.66404; PRACEET (11) 610.04; Pred. No. 3.66404; PRACEET (11) 610.04; Pred. No. 3.66404; PRACEET (11) 610.04; PRACEET (11) 610.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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Pred. No. 3.6e+04;
2; Mismatches 0; Indels
                                                                                                                                                       ; Score 7; DB 1; Length 15;
Pred. No. 3.6e+04;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Draper, Kenneth
APPLICANT: Pavco, Pam
APPLICANT: Woolf, Tod
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING RESPIRATORY
TITLE OF INVENTION: SYNCYTIAL VIRUS
NUMBER OF SEQUENCES: 909
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 81crage
COMPUTER: 1BM Compatible
OPERATING SYSTEM: 1BM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,847
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 4, 1994
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 327, Application US/08334847; Patent No. 5693532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
information for SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDENESS: single

COPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELER: 67-3510
INFORMATION FOR SEQ ID NO: 327:
SEQUENCE CHRRACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 20
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 71.4%; I
Matches 5; Conservative 2;
                                                                                                                                                             100.0%;
71.4%; I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                           Query Match 100.
Best Local Similarity 71.4
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                 ||:|:||
5 AGUAUGA 11
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5 AGUAUGA 11
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Sequence 2, Application US/08671071B

Patent No. 5811270
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT:
GENERAL INFORMATION:
APPLICANT:
GENERAL INFORMATION:
APPLICANT:
APPLICANT:
TITLE OF INVENTION:
An in vitro method for concerted integration of
TITLE OF INVENTION:
AN MODER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE:
ADDRESSEE:
GENERAL DATE:
CITT:
Brentwood
STRET:
MISSOURI
CONTRY:
USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            The sequence is the bottom strand of M-2 US and the pGEM target of the top clone shown in Figure 14 of original application.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ó
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SEQUENCES OF A D2-2 GENE ASSOCIATED WITH
BRAIN TUMORS AND METHODS BASED THEREON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ANTI-SENSE: no ORGINIAL SOURCE: Combination of avian or HIV-1 retrovirus ORGINAL SOURCE: DNA, plaN7 plasmid and pGEM plasmid. IMMEDIATE SOURCE: Same as in 2,vi.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 7; DB 1; Length 15; 100.0%; Pred. No. 3.6e+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Distette, 3.5 inch;
COMPUTER: Gateway 2000,4DX2-66E(Intel)
OPERATING SYSTEM: 1BM clone
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
FILLING DATE: 06/27/96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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Fatent No. 5874290
GENERAL INFORMATION:
APPLICANT: Boynton, Alton
APPLICANT: Sedal, Anil
APPLICANT: Sedal, Anil
TITLE OF INVENTION: SEQUENCES OF A D2-2-
TITLE OF INV
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 06/27/96
CLASSIPICATION: 435
TELECOMMUNICATION HOPORMATION:
TELEPHONE: (314) 962-0064
TELEPAK: (314) 577-8406
INPORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 100.
Matches 7; Conservative
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EDNESS: double
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OTHER INFORMATION:
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COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MD
MEDIUM TYPE: storage
COMPUTER: 1BM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PasteSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/586,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION NUMBER: 60/000,951
FILING DATE: July 7, 1995
ATTONNEY, AGENT INFORMATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 66/000,951
FILING DATE: 4014 7,1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEX: 67-5510
INFORMATION FOR SEQ ID NO: 130:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR SEQ ID NO: 130:
SEQUENCE CHARACTERISTICS:
TYPE: nucleic acid
STRANDEDNESS: single
TYPE: TOPPLOGY: linear
US-08-589-684B-130
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REPRERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEFROME: (213) 455-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1315:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-555-6848-1315
; Sequence 1315, Application US/08585684B
; Patent No. 5877021
; RAPELI INFORMATION:
; APPLICANT: Stinchcomb. Daniel T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 71.4%;
Matches 5; Conservative 2
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STRANDEDNESS: single
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Sequence 130, Application US/08585684B

Patent No. 5877021

GENERAL INFORMATION:

APPLICANT: Jarvis, Thale

APPLICANT: Jarvis, Thale

APPLICANT: McSwiggen, James

TITLE OF INVENTION: INDUCTION OF GRAPT TOLERANCE

TITLE OF INVENTION: INDUCTION OF GRAPT TOLERANCE

TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 7; DB 2; Length 15; 100.0%; Pred. No. 3.6e+04;
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COTHER INFORMATION: Where N is any nucleotide US-08-747-121-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                    COUNTRY: USA

ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFRATING SYSTEM: DAS
APPLICATION NUMBER: US/08/747,121
FILING DATE: O8-NOV-1996
CLASSIFICATION NUMBER: STILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: BAIGNAIN, Geraldine F
REGISTRATION NUMBER: 31,232
REFERENCE/DOCKET NUMBER: 8511-008
TERECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/595,684B
FILING DATE: January 16, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (212)7909090
TELEFAX: (212)869864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    7; Conservative
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Best Local Similarity
Matches 7; Conserv
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Gaps
                                                                                                                                                                                                                                                                                                                        APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Javris, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: MCTHOD AND REAGENT FOR THE
TITLE OF INVENTION: MCTHOD AND REVERSAL OF IMMUNE RESPONSES
TITLE OF INVENTION: NDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESONDENCE ADDRESS:
ADDRESSEE: 4,700 & Lyon
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
; Score 7; DB 2; Length 15;
Pred. No. 3.6e+04;
2; Mismatches 0; Indels
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1 AGTATGA 7
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12 AGTATGA 6
                                                                                                                                                                USA
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STATE: PA
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                                                                                                                        CITY: Ph.
STATE: P.
COUNTRY:
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                                                                                                                                                                                                                                                 Sequence 28, Application US/08485133

Sequence 28 Application US/08485133

GENERAL INFORMATION:
APPLICANT: Allibert, Patrice A.
APPLICANT: Cros, Philippe
APPLICANT: Mandrand, Bernard F.
APPLICANT: Mandrand, Bernard F.
APPLICANT: Tiercy, Jean-Marie
APPLICANT: Tiercy, Jean-Marie
TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES NUMBER OF SEQUENCES: 81
CORRESPONDENCE ADDRESS:
ADDRESSEE: OLIFF & BERRIDGE
STREET: P.O. BOX 19928
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                                                   Length 15;
                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: P.O. BOX 19928
CITY: Alexandria
STATE: Virginia
ZID: 22320
COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,133
FILING DATE: 7-JUN-1995
CLASSIPICATION: 435
PRICK APPLICATION: 435
PILING DATE: 11-MAR-1993
CLASSIPICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BETTIGGE, William P.
REGISTRATION NUMBER: WPB 28596A
TELECOMMUNICATION INFORMATION:
REGISTRATION NUMBER: WPB 28596A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-336-6400
                                                     100.0%; Score 7; DB 2; I 71.4%; Pred. No. 3.6e+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                       Pred. No. 3.6
2; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 14
US-09-094-714A-33/c
Sequence 33, Application US/09094714A
Patent No. 6117847
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 703-836-2787
INFORMATION FOR SEQ ID NO: 28:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: uncleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                     Query Match
Best Local Similarity 71.7.
These 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 703-02787
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5 AGUAUGA 11
; TOPOLOGY: linear
US-08-585-684B-1315
                                                                                                                                1 AGTATGA 7
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TOPOLOGY:
US-08-485-133-28
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US-08-485-133-28
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PREPLICANT. C. FURN REMINELY MICHOEN CENTRESSION
INTITE OF INVENTION: POCKETA KINAGE C EXPRESSION
NUMBER OF INVENTION: POCKETA KINAGE C EXPRESSION
NUMBER OF INVENTION: POCKETA KINAGE C EXPRESSION
NUMBER OF SEQUENCES: 69
CONTENT: DA SACHETA ADDRESS: 70
CANADATION ADDRESS: 70
CANA
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LOCATION: 1
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
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LOCATION: 2
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LOCATION: 4
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
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OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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backbone
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LOCATION: 9
OTHER INPORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 11
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
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backbone
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backbone
                                                                                                                   ISIS-2560
                                                                      REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: 151E
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEPAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 6: SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
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NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acety
OTHER INFORMATION: backbox
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                                                            John W. Caldwell
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CCATION: 10
OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
OTHER INFORMATION:
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMEMATING SYSTEM: PC-DOS
SOFTWARE: IBM PS/2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/094,714A
FILING DATE: June 15, 1998
CLASSIFICATION: 435
FILING DATE: J4-FEB-1996
FILING DATE: 14-FEB-1996
FILING DATE: 09-JUN-1995
FILING DATE: 07-JUN-1995
FILING DATE: 09-JUL-1993
FILING DATE: 09-JUL-1993
FILING DATE: 16-MAR-1992
FILING DATE: 16-MAR-1992
FILING DATE: 16-MAR-1992
FILING DATE: 16-MAR-1992
FILING DATE: 16-MAR-1993
FILING DATE: 16-MAR
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TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSER: Woodcock Washburn Kurtz Mackiewicz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Score 7; DB 3; ; Pred. No. 3.6e+0
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ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 MD
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-049-190-6/c; Sequence 6, Application US/09049190; Patent No. 6190866; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.0%;
Matches 7; Conservative C
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APPLICATION NUMBER:
PILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
; TOPOLOGY: linear
US-09-094-714A-34
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N-[acetyl(2-aminoethyl)]-C-lysine-glycine backbone
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100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
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backbone
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backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 5
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine
OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LOCATION: 7
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
               N-acetyl (2-aminoethyl)glycine
backbone
                                                                                                                                                            N-acetyl (2-aminoethyl) glycine
backbone
                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone
LOCATION: 2
OTHER INFORMATION: N-acety OTHER INFORMATION: backbox FEATURE:
NAME/KEY: Modified-site LOCATION: 3
OTHER INFORMATION: backbox OTHER INFORMATION: backbox
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14
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NAME/KEY: Modified-site
LOCATION: 8
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NAME/KEY: Modified-site
LOCATION: 6
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NAME/KEY: Modified-site
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OTHER INFORMATION:
OTHER INFORMATION:
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; OTHER INFORMATION:
; OTHER INFORMATION:
US-09-049-190-7
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OTHER INFORMATION:
OTHER INFORMATION:
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LOCATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
0
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100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.66+04;
Matches 7; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 17
US-09-049-190-7/C
US-09-049-190-7/C
US-09-049-190-7/C
Sequence 7, 6190866
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
MUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STREE: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LOCATION: 1
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
                                              N-acetyl (2-aminoethyl)glycine
backbone
                                                                                                                                                                                                                       N-acetyl (2-aminoethyl)glycine
backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: 0.5.A.

ZIP: 19103
COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
ATTORNEY/AGENT INPORMATION:
NAME: JOHN W. CaldMell
REGISTRATION NUMBER: 1518.
TELECOMUNICATION INPORMATION:
TELEPHONE: 215-568-3100
TELEPHONE: 215-568-3100
TELEFRA: 215-568-3100
TENGRIP: 215-300
TELEFRA: 215-30
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               NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-ace
OTHER INFORMATION: backi
                                                                                                                                                                     Modified-site
                                                                                                                                                                                                                                                                                                                     NAME/KEY: Modified-site LOCATION: 15
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                                                                                                                                         PEATURE:
NAME/KEY: Modified-e
LOCATION: 14
OTHER INFORMATION: 1
OTHER INFORMATION: 1
                                                                                                                                                                                                                                                                                                                                                 COCATION: 15
CTHER INFORMATION:
CTHER INFORMATION:
US-09-049-190-6
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; Score 7; DB 3; Length 15;
Pred. No. 3.6e+04;
2; Mismatches 0; Indels
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Los Angeles
STATE: California
CCITY: Los Angeles
STATE: California
CCUNTRY: U.S.A.
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APPLICANT: Nielsen et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
ADDRESSEE: No. 6300318ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILMO BATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
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ZIP: 19103

ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word
CURRENT APPLICATION NUMBER: US/08/932,140C
FILING DATE: Septemeber 16, 1997
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIF: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MD
MEDIUM TYPE: Storage
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Patent No. 6300318
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71.4%; F
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Best Local Similarity 71.4.
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5 AGUAUGA 11
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                                                                                                                                                                                                                          Sequence 130, Application US/09038073
Fatent No. 6194Application US/09038073
Fatent No. 6194Application
GENERAL INFORMATION:
FAPPLICANT: StinchComb, Daniel T.
APPLICANT: Abrick Thale
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENTS ADDRESS:
ADDRESSER: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 3; Length 15;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 7; um
71.4%; Pred. No. 3.6¢
tive 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastERQ Version 1.5
CURRENT APPLICATION NUMBER: US/09/038,073
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-038-073-1315

### Sequence 1315, Application US/09038073

### PERIOR NO. 6194150;

### APPLICANT: Stinchcomb, Daniel T.

### APPLICANT: Asrvis, Thale

### APPLICANT: McSwiggen, James

### APPLICANT: TITLE OF INVENTION: INDUCTION OF GRAI

### APPLICANT: INDUCTION OF GRAI

### APPLICANT: TITLE OF INVENTION: INDUCTION OF GRAI

### APPLICANT: APPLI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET WUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSE: Lyon & Lyon STREET: 633 West Pith Street STREET: Suite 4700
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INFORMATION FOR SEQ ID NO: 130:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 71.4
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    single
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STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
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AGUAUGA 11
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                                                                           13 AGTATGA 7
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US-09-038-073-130
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LOCATION: 10
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: 11
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
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OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
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LOCATION: 9
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LOCATION: 3
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: 4
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: 5
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: 6
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 8
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAMENTERY: Modified-site
LOCATION: 14
OCHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: 181S-2560
RELECHANICATION INFORMATION:
TELECHONE: 215-568-3100
TELECHONE: 215-568-3100
TELEFAX: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: Modified-site
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: Modified-site
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LOCATION: 1
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                                                                                                                       Query Match
Best Local Similarity 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                              NS-08-932-140C-7/C

Sequence 7, Application US/08932140C

Patent No. 6300318

Patent No. 6300318

Patent No. 6300318

TITLE OF INVENTION:

TITLE OF INVENTION: Antibacterial Activity

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: No. 6300318ris LLP

ADDRESSEE: One Liberty Place - 46th Floor

CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              N-acetyl (2-aminoethyl)glycine
backbone
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone
NAME/KEY: Modified-site
| LOCATION: 15
| COTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
| OTHER INFORMATION: lysine-glycine backbone
US-08-932-140C-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTY: 0.5.A.

ZIP: 19103
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/932,140C
FILING DATE: Septemeber 16, 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
ATTORNEY AGENT INPORMATION:
NAME: JOHN W. Caldwell
REGISTRATION NUMBER: 28,937
REPERENCE/POCKET NUMBER: ISIS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE: NAME/KEY: MOdified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     'EATURE:
NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: Modified-site
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OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Philadelph
STATE: PA
COUNTRY: U.S.A.
                                                                                                                                                                                                                       1 AGTATGA 7
                                                                                                                                                                                                                                                  10 AGTATGA 4
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                                                                                                                                                                                                                                                                                                                                   RESULT 21
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Sequence 2, Application US/09253977A

Patent No. 6316561

GENERAL INFORMATION:
APPLICANT: Grandgenett, Duane P.
TITLE OF INVENTION: Method for Analyzing Concerted Integration of DNA Donor
TITLE OF INVENTION: Molecules into Target DNA and the Enzymes that Perform
TITLE OF INVENTION: Molecules into Target DNA and the Enzymes that Perform
TITLE OF INVENTION: UNBERS: US/09/253,977A
FILE REPERENCE: 16153-8244
CURRENT PILING DATE: 1998-09-21
EARLIER APPLICATION NUMBER: 08/671,071
EARLIER APPLICATION NUMBER: 08/247,089
EARLIER APPLICATION NUMBER: 08/247,089
EARLIER PILING DATE: 1994-05-20
NUMBER OF SEQ ID NOS: 7
SOFTWARE: PatentIN Ver. 2.0
SEQ ID NO 2
EMBORIER PARENTINE PARENTIN VER. 2.0
EMBORIER PATENTINE PARENTIN VER. 2.0
EMBORIER PATENTINE 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Description of Artificial Sequence: Combination; OTHER INFORMATION: of avian or HIV-1 retrovirus DNA and piAN7 plasmid US-09-253-977-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 7; DB 3; Length 15; 100.0%; Pred. No. 3.6e+04; tive 0; Mismatches 0; Indels
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Patent No. 6596508
GENERAL INFORMATION:
APPLICANT: DUROCHER, YVES
TITLE OF INVENTION: CRE-INDUCIBLE EXPRESSION SYSTEM
FILE REFERENCE: 2139-1305
CURRENT APPLICATION NUMBER: US/09/272,343
CURRENT FILING DATE: 1999-03-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INPORMATION:
APPLICANT: DUNOCHER, Yves
TITLE OF INVENTION: CRE-INDUCIBLE EXPRESSION SYSTEM
FILE REFERENCE: 2139-131G FC
CURRENT APPLICATION NUMBER: US/09/272,343
CURRENT FILING DATE: 1999-03-19
NUMBER OF SEQ ID NOS: 3
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/09272343
Patent No. 6596508
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
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                                                                                                   OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone
                                                                                                                                                                                                                                              N-acetyl (2-aminoethyl)glycine
backbone
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backbone
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backbone
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backbone
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backbone
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backbone
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backbone
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LOCATION: 9
OTHER INFORMATION: N-ace
OTHER INFORMATION: backb
                                                                                                                                                                                                                                                                                                                                     NAME/KEY: Modified-site LOCATION: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAMB/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: N-ace
OTHER INFORMATION: backL
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OTHER INFORMATION: backL
PRATURE:
NAME/KEY: Modified-site
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NAME/KEY: Modified-site
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OTHER INFORMATION:
OTHER INFORMATION:
PEATURE:
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OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
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COTHER INFORMATION:
US-08-932-140C-7
                                                                                                                                                                                                                      LOCATION: 5
OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
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OTHER INFORMATION:
OTHER INFORMATION:
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OTHER INFORMATION:
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13 AGTATGA 7
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LOCATION:
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Gaps

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Gaps

US-09-253-977-2/c

RESULT 22

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TYPE: NUCLEIC ACID
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ANTI-SENSE: NO
US-07-977-284A-59
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LENGTH: 15
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Sequence 7, Application US/09486623C

Patent No. 6734161

GENERAL INFORMATION:
APPLICANT: Nielsen, Peter E.
TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity
TITLE OF INVENTION: Poptide Nucleic Acids Having Antibacterial Activity
CURRENT APPLICATION NUMBER: US/09/486,623C
CURRENT FILING DATE: 2000-07-06
PRIOR APPLICATION NUMBER: 08/932,140
PRIOR FILING DATE: 1997-09-16

NUMBER OF SEQ ID NOS: 30

SOFTWARRE: Patentin version 3.2

SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 25
US-09-486-623C-6/c

Josquence 6, Application US/09486623C

Sequence 6, Application US/09486623C

Sequence 734161

GENERAL INFORMATION:

APPLICANT: Nielsen, Peter B.

TITLE OF INVENTION: Peptide Nucleic Acids Having Antibacterial Activity

FILE REFERENCE: ISIS-3292

CURRENT APPLICATION NUMBER: US/09/486,623C

CURRENT FILING DATE: 1997-09-16

PRIOR APPLICATION NUMBER: 08/932,140

PRIOR PILING DATE: 1997-09-16

NUMBER OF SEQ ID NOS: 30

SOFTWARE PARENT NETS APPLICATION VARIABLE PARENT NETS APPLICATION NUMBER OF SEQ ID NOS: 30
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LOCATION: (1)..(14)
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
PEATURE:
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                                                                                                                                  FEATURE:
OTHER INFORMATION: CRE sequence of VIP promoter
                                                                                                                                                                                                                                                               0; Mismatches
    NUMBER OF SEQ ID NOS: 3
SOFTWARE: FastSEQ for Windows Version 3.0
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                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.
Best Local Similarity 100.
Matches 7; Conservative
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Matches 7; Conservative
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7 AGTATGA 13
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10 AGTATGA 4
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                        SOFTWARE: Fa
SEQ ID NO 2
LENGTH: 15
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LENGTH: 15
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APPLICANT: Ritvaniemi, Pertti
APPLICANT: Ritvaniemi, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, lan
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: METHODS OF DETECTING A GENETIC
TITLE OF INVENTION: PREDISPOSITION FOR OSTEOARTHRITIS
NUMBER OF SEQUENCES: 261
CORRESPONDENCE ADDRESS:
ADDRESSE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 5558988ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                              Gaps
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                                                                                                NAME/KEY: misc_feature

| LOCATION: (1)...(14)
| OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
| PEATURE:
| NAME/KEY: misc_feature
| LOCATION: (15)...(15)
| COCATION: (15)...(15)
| OTHER INFORMATION: N-[acetyl (2-aminoethyl)]-C-lysine-glycine
US-09-486-623C-7
                                                                                                                                                                                                                                                                                                                                          Length 15;
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100.0%; Pred. No. 3.6e+04;
Mismarches 0;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/977,284A
FILING DATE: 13-NOV-1992
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
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REGIETRATION NUMBER: 33,229
REPRENCE/DOCKET NUMBER: TJU-0697
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEPHONE: (215) 568-3439
INFORMATION FOR SEQ ID NO: 59: SEQUENCE CHARACTERISTICS:
                                                    OTHER INFORMATION: Synthetic construct
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-07-977-284A-59/c
; Sequence 59, Application US/07977284A
; Patent No. 5558988
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Prockop, Darwin J.
Ala-Kokko, Leena
Williams, Charlene J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Darwin J.
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
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ADDRESSER: Woodcock Washburn Kurtz Mackiewicz & No. 5948611ris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
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                APPLICANT: Ala-Kokko, Leena
APPLICANT: Williams, Charlene J.
APPLICANT: Williams, Charlene J.
APPLICANT: Ritvaniemi, Pertti
APPLICANT: Baldwin, Clinton
APPLICANT: Hopkinson, Ian
APPLICANT: Ahmad, Nilofer Nina
TITLE OF INVENTION: Methods of Detecting A Genetic
NUMBER OF SEQUENCES: 293
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
                                                                                                                                                                                                                                                                                                                                                               COMPUTER: DISKETTE, 3.5 INCH
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 3.1
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUBER: US/08/256,426B
FILING DATE: 03-FEB-1995
CLASSIFICATION NUBER: US/08/256,426B
FILING DATE: 103-FILING DATA:
APPLICATION DATA:
APPLICATION NUBER: US 07/977,284
FILING DATE: 13-NOV-1993
PRIOR APPLICATION DATA:
APPLICATION NUBER: 13-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: MARK Defluca
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TUU-1082
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION SEQ ID NO: 59:
SEQUENCE GIARACTERISTICS:
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Patent No. 6103243
GENERAL INFORMATION:
APPLICANT: RUSSELL-JONES, Gregory J. APPLICANT: DE AIZPURUA, Henry J. APPLICANT: RAND, Keith N. TITLE OF INVENTION: ORAL VACCINES NUMBER OF SEQUENCES: 12
CORRESPONDENCE ADDRESS:
ADDRESSEE: FOLGY & Lardner
STREET: 3000 K Street, N.W.
Prockop, Darwin J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100..
                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Washington
STATE: D.C.
COUNTRY: USA
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US-08-256-426B-59
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                                                              Gaps
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                  Length 16;
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US-08-719-593-24

| US-08-719-593-24

| Sequence 24, Application US/08719593
| Patent No. 5741706
| GENERAL INFORMATION:
| APPLICANT: Deavitt, Markley Carl APPLICANT: Daxte, Blizabeth
| APPLICANT: Tritz, Richard
| APPLICANT: Barber, Jack R. APPLICANT: Barber, Jack R. APPLICANT: Barber, Jack R. APPLICANT: W. Mang
| TITLE OF INVENTION: No. 5741706el Anti-HIV Ribozymes
| NUMBER OF SEQUENCES: 35
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor
| CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 16;
                                                              0; Indels
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ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OOFENATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PAECHIEN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/719,593
FILING DATE: NO.5741706 yet assigned
CLASSIFICATION: 435
ATTONEY/AGENT INFORMATION:
NAME: Weber, Kennehation:
RECISTRATION NUMBER: 31,677
RECISTRATION NUMBER: 31,677
REFERENCE/DOCKET NUMBER: 016556-000810US
FELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0200
TELEPHONE: CHARACTERISTICS:
                  100.0%; Score 7; DB 1; Lo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.0%; Score 7; DB 1; I
Best Local Similarity 71.4%; Pred. No. 3.6e+04;
Matches 5; Conservative 2; Mismatches 0;
                                                              0; Mismatches
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             Query Match 100.
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        S AGUAUGA 11
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Gaps

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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 32
US-09-479-005A-126
Sequence 126, Application US/09479005A
; Patent No. 6656731
                                                                                                                                 Query Match
Best Local Similarity 71.4%;
Matches 5; Conservative 2
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Best Local Similarity 71.4
Matches 5; Conservative
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CORGANISM: Homo sapiens
US-09-479-005A-126
; ORGANISM: Homo sapiens US-09-479-005A-125
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6 AGUAUGA 12
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2 AGUAUGA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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              ZIP: 20007-5109

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: 1BM PC compatible
COMPOTHE: 1BM PC compatible
COMPOTHE: 1BM PC compatible
COMPOTHE: 1BM PC compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/458,814
FILING DATE: 02-JUN-1995
FRIOR APPLICATION NUMBER: US 08/327,822
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/327,822
FILING DATE: 18-OCT-1994
CLASSIFCATION: 424
PRIOR APPLICATION NUMBER: AU PH3104
FILING DATE: 1-CATA-1966
FILING DATE: 1-MAY-1966
FILING DATE: 1-MAY-1966
FILING DATE: 25-OCT-1985
FILING DATE: 25-OCT-1985
FILING DATE: 25-OCT-1985
FILING DATE: 35-MAY-1986
FILING DATE: 35-MAY-1986
FILING DATE: 35-CAT-1985
FILING DATE: 35-CAT-3985
FILING 
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Best Local Similarity 100.0%; Pred. No. 3.6e+04;
Matches 7; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE: other nucleic acid ANTI-SENSE: NO
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INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
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BDNESS: unknown
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4 AGTATGA 10
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; LOCATION: 1..12
US-08-458-814-1
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US-09-479-005A-125
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LENGTH: 16
TYPE: RNA
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: NUCLEIC Acid Catalysts with Endonuclease Activity
FILE REFERENCE: MEHBOO-884-C
CURRENT FILING DATE: 1000-01-07
CURRENT FILING DATE: 1000-01-07
PRIOR FILING DATE: 1999-11-19
PRIOR FILING DATE: 1999-11-19
PRIOR FILING DATE: 1998-09-22
PRIOR FILING DATE: 1997-09-22
PRIOR FILING DATE: 1997-09-22
PRIOR FILING DATE: 1997-09-22
PRIOR FILING DATE: 1997-09-22
SOFTWARE: Patentin version 3.0
SEQ ID NO 126
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                            Gaps
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; Score 7; DB 4; Length 16;
Pred. No. 3.6e+04;
2; Mismatches 0; Indels
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Query Match 100.0%; Score 7; DB 1; Length 17; Best Local Similarity 71.4%; Pred. No. 3.6e+04; Matches 5; Conservative 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCES: Lyon
STREET: 633 West Fifth Street
STREET: 634 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage,
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: WAADDURG, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPAN: (213) 489-1600
TELEPAN: (213) 955-0440
TELEPAN: (213) 955-0460
TELER: 67-3510
INPORMATION FOR SEQ ID NO: 461:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYBE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PeatSeq Version 1.5
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 365, Application US/08758306
Patent No. S807743
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILING DATE: December 3, 1996
CLASSIPICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFRENCE/DOCKET NUMBER: 212/
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEX: 67-3510
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Los Angeles
STATE: California
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APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Guercieson, John
APPLICANT: Guercieson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
TITLE OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Score 7; DB 1; Length 17;
Pred. No. 3.6e+04;
2; Mismatches 0; Indels
                                         PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/354,920
PILING DATE: December 13, 1994
APPLICATION NUMBER: 08/354,920
PILING DATE: December 13, 1994
APPLICATION NUMBER: 07/989,848
FILING DATE: No. 5612215ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 31,327
REFERENCE/DOCKET NUMBER: 21,084
TELECOMMUNICATION INFORMATION:
TELEFAM: (213) 955-0440
TELEFAM: (213) 955-0440
TELER: 67-3510
INPORMATION FOR SEQ ID NO: 461:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPER: NUMBER: 1010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 No. 5731295ember 12, 1993
UMBER: 07/989,848
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 8torage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
     APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 633 West Fifth Street STREET: 633 West Fifth Street STREET: 8341c 4700 CITY: Los Angeles STATE: California COUNTRY: U.S.A. ZIP: 90071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 461, Application US/08435634
Patent No. 5731295
GENERAL INPORMATION:
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FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           December 13, 1994
UMBER: 08/152,487
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Best Local Similarity 71.4%; Matches 5; Conservative 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-390-850-461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ||:|:||
6 AGUAUGA 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-435-634-461
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APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: REATHOD AND REAGENT FOR THITLE OF INVENTION: TREATHENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                    CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-758-306-369
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                                                                                  Length 17;
                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                     Sequence 367, Application US/08758306

Sequence 367, Application US/08758306

Setent No. 5807743

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: METHOD WITH
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: LYON & LYON
ADDRESSEE: LYON & LYON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1; Le
                                                                                100.0%; Score 7; DB 1; L 100.0%; Pred. No. 3.6e+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 7; DB 100.0%; Pred. No. 3.6 tive 0; Mismatches
                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/ACENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELEFORMUNICATION INFORMATION:
TELEFAK: (213) 955-0440
TELERY: APPLICATION: 367:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION: 514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.
Matches 7; Conservative
                                                                                Query Match 100.
Best Local Similarity 100.
Matches 7; Conservative
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STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
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                    linear
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US-08-758-306-367/c
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US-08-758-306-365
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Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
ITILE OF INVENTION: METHOD AND REAGENT FOR THE
ITILE OF INVENTION: TREATMENT OF DISEASES
ITILE OF INVENTION: INTERLEBENIN-2 RECEPTOR
ITILE OF INVENTION: INTERLEBENIN-2 RECEPTOR
ITILE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDESSE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              3.6e+04;
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COUNTY: 0.5.4.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5." Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: torage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FRAESEQ Version 1.5
CURRENT APPLICATION NUMBER: US/08/758, 306
FILING DATE: December 3, 1996
CLASSIFICATION NUMBER: 3, 1996
FILING DATE: REALLOATION NUMBER: RILING DATE: APPLICATION NUMBER: RILING DATE: NAME: Warburg, Richard J. REGISTRATION NUMBER: 32,327
REGESTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (213) 955-044
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 linear
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11 AGTATGA 5
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US-08-758-306-371/c
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RESULT 37 US-08-758-306-369/c

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Structhcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: INTERLEDKIN-2 RECEPTOR
TITLE OF INVENTION: INTERLEDKIN-2 RECEPTOR
TITLE OF INVENTION: INTERLEDKIN-2 RECEPTOR
TITLE OF INVENTION: GAWAA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Los Angeles
STREET: 633 West Fifth Street
STREET: 633 West Fifth Street
STREET: Los Angeles
STREET: 108 Angeles
ANGELES
STREET: 108 Angeles
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STREET: 108 Angeles
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CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFRENCE/DOCKET NUMBER: 212/132
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEFAX: (7-3510
TEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 40
US-08-758-306-815/c
Sequence 815, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Warburg, Richard J.
REGISTRATION UNDRER: 32,327
REFRENCE/DOCKET NUMBER: 212/
TELECOMMUNICATION INFORMATION:
TELEFAK: (213) 489-1600
TELESTAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 815:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
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Patent No. 5807743

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: TREATMENT FOR THE
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379

CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
ADDRESSER: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                   COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MD
MEDIUM TYPE: 3.5" Diskette, 1.44 MD
MEDIUM TYPE: BACAGE
COMPUTER: 1BM COMPACTIOLE
COMPUTER: IBM COMPACTIOLE
COMPUTER: IBM COMPACTIOLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEM: 1BM P.C.
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION NUMBER: 3, 1996
FILING DATE:
APPLICATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 32,327
REFERENCE/COCKET NUMBER: 32,327
TELECOMMUNICATION INFORMATION:
TELEFHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 5.5" Diskette, 1.44 Mb
MEDIUM TYPE: 6torage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Lyon & Lyon STREET: 633 West Fifth Street STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEX: 67.3510
INPORMATION FOR SEQ ID NO: 371:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: mucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 7; Conservative
    STRBBT: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
            Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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US-08-758-306-813/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        , TOPOLOGY:
US-08-758-306-371
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	0 00 0000	0 000 000 000 .	00 00 00 00000
n 5.1.6 Compugen Ltd. Search time 248.792 Seconds (Without alignments) (Without anignments)		BCOMB. seq: * PUB. seq: * B' Dub. seq: *	ceted by chance to have a score distribution. Description Description Sequence 3, Appli Sequence 7, Appli Sequence 7, Appli Sequence 1, Appli Sequence 31, Appli
GenCore versio pyright (c) 1993 - 2005 search, using sw model n 22, 2005, 09:20:43 ;	US-09-540-843-3 1 agtatga 7 IDENTITY NUC Gapop 10.0, Gapext 1.0 5544816 seqs, 2976611598 residues f hits satisfying chosen parameters: length: 0 length: 0 length: 20 3: Minimum Match 0% Maximum Match 100% Listing first 100 summaries	Published Applications NA: * (5912_6/ptodata/2/pubpna/US07_PUBCOMB.seq: * (5912_6/ptodata/2/pubpna/US07_NEW_PUB.seq: * (5912_6/ptodata/2/pubpna/US06_NEW_PUB.seq: * (5912_6/ptodata/2/pubpna/US06_PUBCOMB.seq: * (5912_6/ptodata/2/pubpna/US06_PUBCOMB.seq: * (5912_6/ptodata/2/pubpna/US08_NEW_PUB.seq: * (5912_6/ptodata/2/pubpna/US08_NEW_PUB.seq: * (5912_6/ptodata/2/pubpna/US08_PUBCOMB.seq: * (5912_6/ptodata/2/pubpna/US08_PUBCOMB.seq: * (5912_6/ptodata/2/pubpna/US09_PUBCOMB.seq: * (5912_6/ptodata/2/pubpna/US09_PUBCOMB.seq: * (5912_6/ptodata/2/pubpna/US09_PUBCOMB.seq: * (5912_6/ptodata/2/pubpna/US10B_PUBCOMB.seq: * (5912	the number of results predict than or equal to the score of by analysis of the total SUMMARIES SUMMARIES SUMMARIES SUMMARIES The state of the total SUMARIES The state of the total SUMARIES The state of the total SUMARIES The state of the state of the state of the total SUMARIES The state of the
Coj nucleic - nucleic 1 on: Marci	Title: US- Perfect score: 7 Sequence: 1 a Scoring table: IDB Searched: 554 Total number of hit Minimum DB seq leng Maximum DB seq leng Post-processing: Mi	Database : PW 2 : 1 : 2 : 2 : 2 : 3 : 3 : 4 : 4 : 4 : 5 : 5 : 5 : 5 : 5 : 5 : 5	Pred. No. is the score greater and is derived No. Score Matc. 100. 3 7 100. 3 7 100. 5 7 100.

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; Sequence 3. Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Black, Mark S.
APPLICANT: TILE OF INVENTION: Method to Inhibit Cell Growth Using TILE OF INVENTION: Oligomucleotides
; TILE OF INVENTION: Oligomucleotides
; TILE REFERENCE: 0054.1088-019
; TILE REFERENCE: 0054.1088-019
; CURRENT PELLON UNDERR: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR FILING DATE: 2000-03-31
; PRIOR FILING DATE: 2001-03-30
; SEQ ID NOS: 15
; SEQ ID NOS: 15
; SEQ ID NOS: 15
; SEQ ID NO 3
; LENGTH: 7
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Best Local Similarity 100.0%; Pred. No. 8.3e+08;
Matches 7; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 8.3e+08;
Matches 7; Conservative 0; Mismatches 0;
FILE KEKERKENES: U034-L085-U5 (URERT PAPPLICATION NUMBER: US/10/122,630 CURRENT FILING DATE: 2002-04-12 PRIOR APPLICATION NUMBER: US 08/467,012 PRIOR PILING DATE: 1995-06-06 PRIOR PILING DATE: 1995-06-06 PRIOR PILING DATE: 1996-06-03 PRIOR APPLICATION NUMBER: PCT/US96/08386 PRIOR APPLICATION NUMBER: US 09/048,927 PRIOR FILING DATE: 1996-03-26 PRIOR PILING DATE: 2000-03-31 PRIOR PILING DATE: 2000-03-31 PRIOR PILING DATE: 2001-03-30 NUMBER: PCT/US01/10162 PRIOR PILING DATE: 2001-03-30 NUMBER: OF SEQ ID NOS: 15 SEQ ID NO 7 SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
CTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-3
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; OTHER INFORMATION: Synthetic DNA Fragment US-10-122-630-7
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; Sequence 7, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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Sequence 339968,
Sequence 340438,
Sequence 341081,
Sequence 341082,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-122-630
US-10-122-630
Sequence 3, Application US/10122630
Publication No. US20030032610A1
GENERAL INFORMATION:
APPLICANT: Glichreet, Barbara A.
APPLICANT: Glichreet, Barbara A.
APPLICANT: Taler, Mark S.
APPLICANT: Yaar, Mina
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Oligonucleotides
TITLE OF INVENTION: Oligonucleotides
TITLE OF INVENTION: Oligonucleotides
FILE REFERENCE: 0054-1088-018
FURRENT FILING DATE: 2002-04-12
FRIOR PLICATION NUMBER: US 08/467,012
FRIOR FILING DATE: 1996-06-06
FRIOR FILING DATE: 1996-06-06
FRIOR PLILING DATE: 1996-06-03
FRIOR PLILING DATE: 1998-03-26
FRIOR PLILING DATE: 1998-03-26
FRIOR PLILING DATE: 2000-03-31
FRIOR FILING DATE: 2000-03-31
FRIOR FILING DATE: 2000-03-31
FRIOR FILING DATE: 2000-03-31
FRIOR FILING DATE: 2001-03-30
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Sequence 7, Application US/10122630

Publication No. US20030032610A1

APPLICANT: Glichreet, Barbara A.

APPLICANT: Bller, Mark S.

APPLICANT: Baller, Mark S.

APPLICANT: MARTION Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligonucleotides
US-10-257-017B-325244
US-10-257-017B-325578
US-10-257-017B-326072
US-10-257-017B-327802
US-10-257-017B-331806
US-10-257-017B-333276
US-10-257-017B-333276
US-10-257-017B-333276
US-10-257-017B-3339824
US-10-257-017B-339824
US-10-257-017B-339928
US-10-257-017B-339928
US-10-257-017B-339928
US-10-257-017B-339928
US-10-257-017B-341081
US-10-257-017B-341081
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.
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US-10-122-630-7
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US-10-122-630-3
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1 AGTATGA 7
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US-10-122-630-1

Sequence 1, Application US/10122630

Publication No. US20030032610A1

GENERAL INPORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
TITLE OF INVENTION: Hethod to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonaclectides
FILE REFERENCE: 0054.1088-018
CURRENT FILING DATE: 1052-04-12
PRIOR PILING DATE: 1995-06-06
PRIOR PILING DATE: 1995-06-06
PRIOR PILING DATE: 1995-06-06
PRIOR PILING DATE: 1996-06-03
PRIOR PILING DATE: 1996-06-03
PRIOR PILING DATE: 1998-06-03
PRIOR PILING DATE: 1998-06-03
PRIOR PILING DATE: 2000-03-31
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PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2000-03-31
                                                       TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligomucleotides
FILE REPERENCE: 0054.1088-019
CURRENT APPLICATION NUMBER: US/10/122,633
CURRENT PILING DATE: 2002-04-12
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR PILING DATE: 2001-03-30
PRIOR PILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 7;
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100.0%; Score 7; DB 14; I
Best Local Similarity 100.0%; Pred. No. 8.3e+08;
Matches 7; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 7; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-7
APPLICANT: Gilchrest, Barbara A. APPLICANT: Biler, Mark S. APPLICANT: Yaar, Mina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FRATURE:
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| Particle | Particle
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RESULT 8

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Sequence 2, Application US/10818158;
Sequence 2, Application US/10818158;
Publication Wo. US20050020526A1
GENERAL INFORMATION:
APPLICANT: CHEN, YIN
APPLICANT: TAN, XIN XING
TITLE OF INVENTION: OLIGODEOXYNUCLEOTIDE INTERVENTION FOR PREVENTION AND
TITLE OF INVENTION: TREATMENT OF SEPEIS
CURRENT APPLICATION NUMBER: US/10/818,158
CURRENT PAPLICATION NUMBER: 10/743,956
PRIOR APPLICATION NUMBER: 10/743,956
PRIOR APPLICATION NUMBER: 10/453,410
PRIOR PILING DATE: 2003-12-23
PRIOR PILING DATE: 2003-06-03
NUMBER OF SEQ ID NOS: 7
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                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 7; DB 16; Length 10; Best Local Similarity 100.0%; Pred. No. 1.9e+05; Matches 7; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COSTUTION OF SEQUENCE SEA APPLICATION US/10193507

PUBLICATION NO. US20040018493A1

GENERAL INPORMATION:

APPLICANT: Anastasio, Alison E.

APPLICANT: Lachowicz, Michael F.

APPLICANT: Bachowicz, Michael F.

APPLICANT: Bachowicz, Michael F.

APPLICANT: Bachowicz, Michael F.

APPLICANT: Bachowicz, Michael F.

FILE REFERENCE: HAPLOTYPES OF THE CD3E GENE

FILE REFERENCE: 12002-07-12

CURRENT FILING DATE: 2002-07-12

PRIOR FILING DATE: 2001-07-11

NUMBER OF SEQ ID NOS: 86

SOFTWARE: Patentin version 3.1

SEQ ID NO 58

LENGTH: 10
                                                                                                                                                                                                                                                        ; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-329-465-30
CURRENT APPLICATION NUMBER: US/10/329,465
CURRENT FILING DATE: 2002-12-23
PRIOR APPLICATION NUMBER: US 60/343,826
PRIOR FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 315
SOFTWARE: PatentIn version 3.1
SEQ ID NO 30
                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
CORGANISM: Homo sapiens
US-10-193-507-58
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Publication No. US20030165949A1
GENERAL INFORMATION:
PAPLICANT: Wang et al.
TITLE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
FUSION
FILE REFERENCE: 27373/37928A
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; Publication No. US20020151515A1
; GENERAL INFORMATION:
APPLICANT: GENZYME SCREOMENTION:
APPLICANT: SHANGARA, SRINIVAS
; TILLE OF INVENTION:
CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR APPLICATION NUMBER: PCT/US99/13800
                                                                                                        APPLICANT: Delenstrir, Glend C.
APPLICANT: Wolber, Pual K.
APPLICANT: Wolber, Pual K.
APPLICANT: Sana, Theodore K.
TITLE CANT: Sana, Theodore K.
TITLE OF INVENTION: Arrays Having Background Features and
TITLE OF INVENTION: Methods for Using the Same
TITLE OF INVENTION: Methods for Using the Same
TITLE OF INVENTION: MOMBRE: US/09/899,381
CURRENT APPLICATION NUMBER: US/09/899,381
CURRENT FILING DATE: 2001-07-05
PRIOR FILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 53
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 31
LENGTH: 10
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100.0%; Pred. No.
                                          Sequence 31, Application US/09899381
Patent No. US20020068293A1
GENERAL INFORMATION:
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SOFTWARE: Patentin version 3.0
SEQ ID NO 1423
LENCTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
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US-10-033-145-1423
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PRIOR APPLICATION NUMBER: 60/291,830
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                         TYPE: DNA
CORGANISM: Homo sapiens
US-10-450-797-482
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Best Local Similarity
Matches 7; Conserv
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       LENGTH: 11
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| Publication No. US20040142335A1
| GENERAL INPORMATION.
| APPLICANT: Petersohn, Dirk
| APPLICANT: Conradt, Marcus
| APPLICANT: Hofmann, Kay
| TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
| TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
| TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
| TITLE OF INVENTION: MUMBER: US/10/450,797
| CURRENT PILING DATE: 2003-12-04
| PRIOR APPLICATION NUMBER: DE 101 00 121.5
| PRIOR FILING DATE: 2001-01-03
| WUNDER OF SEQ ID NOS: 1435
| SEQ ID NO 482
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
TITLE OF INVENTION: IDENTIFICATION OF ANTIBIOTICS THAT ARE NOT SUSCEPTIBLE TO
TITLE OF INVENTION: ANTIBIOTIC RESISTANCE
FILE REFERENCE: WSV-2597
CURRENT APPLICATION NUMBER: 05/10/612,224
CURRENT PILING DATE: 2003-07-01
PRIOR APPLICATION NUMBER: 60/393237
PRIOR PILING DATE: 2003-07-01
PRIOR PILING DATE: 2003-07-01
PRIOR PILING DATE: 2003-03-05
RIOR PILING DATE: 2003-03-05
SOFTWARER OF SEQ ID NOS: 245
SOFTWARER: PRESEQ for Windows Version 4.0
SEQ ID NO 97
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                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: oligonucleotide
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Publication No. US20040137011A1
GENERAL INFORMATION:
                                                                                           ORGANISM: Artificial Sequence
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SOFTWARE: Patentin Ver. 3.2
SEQ ID NO 2
LENGTH: 10
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Best Local Similarity 100.
Matches 7; Conservative
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                                                                      TYPE: DNA
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FEATURE:
OTHER INFORMATION: Synthetic; oligonucleotide designated 118 useful in a model
OTHER INFORMATION: oligonucleotide hybridization system for analysing properties
OTHER INFORMATION: of nucleotide analogues as described in the present
OTHER INFORMATION: application
EATURE:
NAME/EXT.
                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Seela, Frank
APPLICANT: Debelak, Harald
APPLICANT: Bergmann, Frank
APPLICANT: Bergmann, Frank
APPLICANT: Heindl, Dieter
APPLICANT: Heindl, Dieter
APPLICANT: Hondl, Dieter
APPLICANT: Hondl, Dieter
TITLE OF INVENTION: Ne and C8-linked purine bases and structurally related
TITLE OF INVENTION: Oligonucleotide hybridization
FILE REPERENCE: 19028 US
CURRENT APPLICATION NUMBER: VC7/L0/221,306A
CURRENT FILING DATE: 2002-09-10
FRICH FILING DATE: 2001-03-27
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 15
LENGTH: 11
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APPLICANT: ORUM, HENRICK
APPLICANT: HANSEN, BO
TITLE OF INVENTION: THERAPEUTIC USES OF LINA-MODIFIED OLIGONUCLEOTIDES IN
TITLE OF INVENTION: INFECTIOUS DISEASES
TITLE OF INVENTION: INFECTIOUS DISEASES
THE REPRESENCE: 55704 (45120)
CURRENT APPLICATION WHERE: US/10/150,779A
CURRENT FILING DATE: 2003-02-07
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                                                   0; Indels
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  ; Score 7; DB 18; ; ; Pred. No. 1.9e+05; 0; Mismatches 0;
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100.0%; Pred. No. 1.9e+05;
tive 0; Mismatches 0;
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Publication No. US20030125241A1
GENERAL INFORMATION:
APPLICANT: WISSENBACH, MARGIT
                                                                                                                                                                                                                                                                                    Sequence 15, Application US/10221306A Publication No. US20040171820A1
Query Match
Best Local Similarity 100.0%;
Matches 7; Conservative 0;
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Sequence 270751, Application US/10257017B

Sequence 270751, Application US/10257017B

Sequence 270751, Application US/0040241651A1

GENERAL INFORMATION:
APPLICANT: Alexander Olek

APPLICANT: Christian Plepenbrock
APPLICANT: Christian Plepenbrock
APPLICANT: Christian Plepenbrock
APPLICANT: ALT Berlin
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: US/10/257,017B
PRIOR FILING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 270751
LENGTH: 12
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APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: DETECTION OF SECTIONS OF SECTION OF SEC
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                                                                                                                                                ; OTHER INFORMATION: Oligonuclectide primer for the detection of SNP TSC0000478 US-10-257-017B-267717
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100.0%; Pred. No. 1.9e+05;
Winnerches 0;
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100.0%; Pred. No. 1.9e+05;
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                                                                                                                                                                                                                                                                                                                             0; Mismatches
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US-10-257-017B-268330/c
; Sequence 268330, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
; APPLICANT: Alexander Olek
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.v
Tr Conservative
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Matches 7; Conservative
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US-10-257-017B-270751
SEQ ID NO 267717
LENGTH: 12
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                                                                                                                                      FEATURE:
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Publication No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Plepenbrock
APPLICANT: Christian Plepenbrock
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT PILING DATE: 2002-10-07
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
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Sequence 16, Application US/10150779A

Publication No. US20030125241A1

GENERAL INFORMATION:

APPLICANT WISSENBACH, MARGIT

APPLICANT COUNTY TROELS

APPLICANT HANSEN, DEAPLICANT THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

FILE REPRENCE: 55704 (4512)

FILE PEPRICATION NUMBER: US/10/150, 779A

CURRENT APPLICATION NUMBER: 06/291,830

PRIOR PRILING DATE: 2001-05-18

NUMBER OF SEQ ID NOS: 16

SOFTWARE: PETCHING DATE: 2.11

SEQ ID NO 16

LENGTH: 12
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: DNA oligonucleotide with phosphorothioate backbone
US-10-150-7798-16
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Best Local Similarity 100.0%; Pred. No. 1.98+05;
Matches 7; Conservative 0; Mismatches 0; Indels
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ORGANISM: Artificial Sequence
                                                                                                                                                       LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
                 PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 16
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 15
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11 AGTATGA 5
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US-10-257-017B-267717/c
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11 AGTATGA 5
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US-10-150-779A-16/c
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US-10-257-01762
US-10-257-01762
Sequence 271762, Application US/10257017B
Sequence 271762, Application US/10257017B
Sequence 271762, Application US/10257017B
Publication No. US20040241651A1
SERREAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Mart Berlin
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
TITLE OF INVENTION NUMBER: US/10/257,017B
CURRENT PLING DATE: 2002-10-07
PRIOR PAILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 271762
LENGTH 12

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APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/MO
CURRENT APPLICATION NUMBER: US/10/257,0178
CURRENT APPLICATION NUMBER: DE 10019173.8
PRIOR PILING DATE: 2000-04-07
RNDHER OF SEQ ID NOS: 382046
SEQ ID NO 274643
LENGTH: 12
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US-10-257-017B-271762
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US-10-257-017B-274643
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Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels
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ORGANISM: Artificial Sequence
FRATURE:
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ORGANISM: Artificial Sequence
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12 AGTATGA 6
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US-10-257-017B-274643
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US-10-257-017B-271312

Sequence 271312, Application US/10257017B

Sequence 271312, Application US/10257017B

PUDICACE ALEXANDER OF USE

APPLICANT: Alexander Olek

APPLICANT: Christian Piepenbrock

APPLICANT: Christian Piepenbrock

APPLICANT: Kurt Berlin

TITLE OF INVENTION: Detection of single nucleotide polymorhphisms (SNPs) and cytosine

TITLE OF INVENTION: methylations

FILE REPERENCE: E01/1193/WO

CURRENT APPLICATION NUMBER: US/10/257,017B

CURRENT PILING DATE: 2002-10-07

PRIOR PILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046

SEQ ID NO 271312

LENGTH: 12
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Publication No. US20040241651A1

GRNERAL INFORMATION:
GRNERAL INFORMATION:
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GRNERAL INFORMATION:
GRNERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: R01/1193/W0
CURRENT PAPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
FRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 271422

MENGET 12.
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US-10-257-0178-271312
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US-10-257-017B-271422
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                                 Length 12;
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100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels
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                              Query Match 100.0%; Score 7; DB 18; Length 12
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
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US-10-257-017B-271422/c
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Sequence 279165. Application US/10257017B
Sequence 279165. Application US/20257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
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TITLE OF INVERTION:
APPLICANT:
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Sequence 27818, Application US/10257017B

Publication No. US20040241651A1

GENERAL INFORMATION:
APPLICANT: Alexander Olek

APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
TITLE OF INVENTION whomes: US/1193/WO
CURRENT APPLICATION NUMBER: US/210.77

CURRENT PILING DATE: 2000-04-07

PRIOR FILING DATE: 2000-04-07

NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 27817B
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US-10-257-017B-278178
                                                                                                                                                                                                                                                              TYPE; DNA ORGANISM: Artificial Sequence CRGANISM: PEATURE: PRATURE: COMMENDED OF SIND TSC0005661 US-10-257-0178-278130
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100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels
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CURRENT APPLICATION NUMBER: US/10/257,017B CURRENT FILING DATE: 2002-10-07 PRIOR APPLICATION NUMBER: DE 10019173.8 PRIOR FILING DATE: 2000-04-07 NUMBER OF SEQ ID NOS: 382046 SEQ ID NO 278130 LENGTH: 12
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 7; Conservative
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6 AGTATGA 12
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12 AGTATGA 6
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Sequence 275436, Application US/10257017B
Sequence 275436, Application No. US/20040241651A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin Detection of single nucleotide polymorhphisms [SNP8] and cytosine
TITLE OF INVENTION: methylations
FILE REFRENCE: E01/1193/WO 1057,017B
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR APPLICATION NUMBER: DE 2002-10-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 275436
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APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
                                                          APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
APPLICANT: Kurt Berlin
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single mucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFRENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 274645
LENGTH: 12
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US-10-257-017B-275436
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100.0%; Pred. No. 1.9e+05;
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GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Plepenbrock
APPLICANT: Kurt Berlin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100...
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Best Local Similarity 100.
Matches 7; Conservative
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US-10-257-017B-278130/c
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US-10-257-017B-275436/c
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Sequence 280377, Application US/10257017B

Sequence 280377, Application No. US20040241651A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TAPPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Rurt Berlin
APPLICANT: Rurt Berlin
APPLICANT: Rurt Berlin
APPLICANT: Rurt Berlin
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT PLILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR SEQ ID NOS: 382046
SEQ ID NO 280377
LENGTH: 12
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APPLICANT: Christian Piepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REPERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
REPROR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 279622
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US-10-257-017B-279622
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100.0%; Pred. No. 1.9e+05;
tive 0; Mismatches 0; Indels
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Mismatches 0;
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APPLICANT: Alexander Olek
                 100.08;
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ORGANISM: Artificial Sequence
                 Best Local Similarity 100.
Matches 7; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
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Matches 7; Conserva
                                                                                                                                    1 AGTATGA 7
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3 AGTATGA 9
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US-10-257-017B-279622
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US-10-257-017B-280377
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Publication No. US20040241651A1
GENERAL INFORMATION:
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GENERAL INFORMATION:
TITLE OF INVENTION:
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TITLE OF INVENTION:
GURRENT APPLICANT:
TITLE OF INVENTION:
FILE REFERENCE:
FOIL APPLICATION NUMBER:
CURRENT FILING DATE:
CURRE
; TYPE: DNA; ORGANISM: Artificial Sequence; PRATINE:
; PRATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0006974
US-10-257-017B-279165
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US-10-257-017B-279249
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
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Matches 7; Conservative
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Sequence 284462. Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Wirt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNP8] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT PILING DATE: 2002-10-07
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APPLICANT: Alexander Olek
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Christian
TITLE OF INVENTION: methylations.
TITLE OF INVENTION: methylations.
FILE REFERENCE: E01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: 100/2-10-07
PRIOR FILING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 282596
LENTH: 12
                                       APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms of prostricts to the control of the prostricts of the prostricts of the control of the
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
CRGANTSM: Artificial Sequence
FEATURE:
FRATURE:
CHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0010235
US-10-257-017B-281987
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Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels
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100.0%; Score 7; DB 18; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels
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Christian Piepenbrock
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ORGANISM: Artificial Sequence
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Sequence 280912, Application US/10257017B
Sequence 280912, Application US/20040241651A1
Sequence 280912, Application Volument Volume
                                                                                                                                                                                                                                                             APPLICANT: Alexander Olek
APPLICANT: Christian Plepenbrock
APPLICANT: Kurt Berlin
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/W0
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT APPLICATION NUMBER: E10-07
PRIOR FILING DATE: 2002-10-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 280601
LENGTH: 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0008828
US-10-257-017B-280601
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100.0%; Score 7; DB 18; Length 12;
Best Local Similarity, 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels
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US-10-257-017B-281987/c
; Sequence 281987, Application US/10257017B
; Publication No. US20040241651A1
; GENERAL INFORMATION:
                                                                                                                                                          Sequence 280601, Application US/10257017B Publication No. US20040241651A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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7 AGTATGA 1
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US-10-257-017B-280912/c
                                                                                         RESULT 34
JS-10-257-017B-280601/c
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Squence 284919, Application US/10257017B

Publication No. US20040241651A1

GRNERAL INFORMATION:
GRNERAL INFORMATION:
GRNERAL INFORMATION:
APPLICANT: Air Berlin
APPLICANT: Kurt Berlin
APPLICANT: Kurt Berlin
APPLICANT: Kurt Berlin
APPLICANT: Kurt Berlin
APPLICANT: With Berlin
TITLE OF INVENTION: mechylations
FILE REFERENCE: E01/1193/WO
CURRENT PAPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2000-10-7

PRIOR APPLICATION NUMBER: DE 10019173.8
FRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 284919

LENGTH: 12

LENGTH: 12
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Publication No. US20040241651A1

GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
FILENCE APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-04-07
PRIOR PILING DATE: 2000-04-07
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 284463
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CTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0011841
US-10-257-017B-284462
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PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 284462
LENGTH: 12
                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
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1 AGTATGA 7
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US-10-257-017B-284919
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; PEATURE:
; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0012055
US-10-257-017B-284919
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                                                                                                        Length 12;
                                                                                                      Query Match 100.0%; Score 7; DB 18; Length 12
Best Local Similarity 100.0%; Pred. No. 1.9e+05;
Matches 7; Conservative 0; Mismatches 0; Indels
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1 AGTATGA 7 ||||||| 4 AGTATGA 10

Search completed: March 22, 2005, 19:09:35 Job time : 252.792 secs

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equence 23 equence 25 equence 17	equence 45	300	equence 17. equence 1, equence 17.	equence 23	equence 7,	aquence 25:	equence 27	Sequence 303, App Sequence 342, App Sequence 396, App	equence 40	aquence 41:	squence 44	equence 450	equence 45:	equence 12	equence 31,	equence 16	equence 174	aquence 30, ent No. 53		equence 4,	equence 6,	equence 82 equence 15	equence 1,	equence 4,	equence 4,	equence 34 equence 33	equence 12	equence 1,	equence 8, equence 16	equence 5,	equence 9,	equence 9, equence 3,	equence 18	9 2 2
-sn -sn -sn	-sn	US-09-063-450-33 US-09-123-638-1 US-08-646-695-30 US-08-875-533-31	SD SD	-sn	s s	s s	- sh	ds - sp	us-	us-	s	s s	- SB	s s	-sn	us-	E L	PCT 519	519		US-08-484-334-4	US-08-441-8 US-08-441-8	US-08-812-994-1	US-09-013-09	US-09-157-2	US-09-157-25 US-08-477-83	US-09-249-155A-1	US-09-320-0	US-07-990-297- US-07-704-288C		US-08-586-120-	US-08-254-355-9 US-08-297-808A-	US-08-379-25	US-08-667-023-5 US-08-441-887A-59
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Led.		43.333 Seconds ignments) 1ion cell updates/sec			•		1407054			· ·			***************************************	*:.ba	chance to have a result being printed,			Description	١,	4.0	100	3 5	Sequence 11, Appl	أجأه	90	1, 68	322	19.	27,	1,2	23	25,2	23,7	Sequence 45, Appl Sequence 1, Appli
GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.	nucleic search, using sw model	March 22, 2005, 04:59:11; Search time 43.3333 Seconds (without alignments) 188.801 Million cell updates/sec	47	gratg 5	IDENTITY NUC Gapop 10.0 , Gapext 1.0	202784 segs, 818138359 residues		length: 0	m Match	Maximum Match 100% Listing first 100 summaries	Issued Patents NA:*	-gais_6/pt-charta_1/ins_5s_Comp.seq.* -gan2_6/pt-charta_1/ins_5s_Comp.seq.* -mo_6/st_charta_1/ins_fs_Comp.*	/cgnz_6/prodata/1/ina/6#_COMB.seq:* /cgnz_6/prodata/1/ina/6#_COMB.seq:* /cmz_6/nt-odata/1/ina/pr@mic_COMB_com*	cgn2_6/ptodata/1/ina/backfiles1.seq:*	results predicted by chance to have a 1 to the score of the result being print	of the total score distribution.	SUMMARIES	Query Match Length DB ID Description	5 3 115-08-855-3708-00	5 3 US-09-048-927-4 Sequence 4,	7 1 US-08-615-170-10 Sequence 10	7 3 US-08-615-170-12 Sequence 12 7 3 US-09-048-927-3 Sequence 3.	8 4 US-09-142-593-11 Sequence 11	9 2 US-08-583-276-1 Sequence 1,	9 3 US-08-646-789A-80 Sequence 80	9 3 US-09-048-927-1 Sequence 1, 9 3 US-09-319-648-68 Sequence 68	9 4 US-10-096-596-32 Seguence 32,	10 1 US-09-721-777-19 Sequence 19,	10 1 US-08-335-565A-27 Sequence 27, 10 1 US-08-250-951-1 Sequence 1,	10 1 US-08-232-233-1 Sequence 1, 10 1 US-08-222-177A-422 Sequence 423	10 1 US-08-351-748-23 Sequence 23,	10 1 US-08-351-748-25 Sequence 25, 10 1 US-08-202-927-25 Sequence 25,	10 1 US-08-430-536A-23 Sequence 23,	1-718-45 Sequence 45, 3-601-1 Sequence 1,

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APPLICANT: Parinov, Sergel V
APPLICANT: Bareky, Victor B
APPLICANT: Rivillov, Eugene V
APPLICANT: Ubiley, Svetlana A
TITLE OF INVENTION: Use of Continuous/Contiguous
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            n
Similarity 100.0%; Score 5; DB 3; Length 5;
Similarity 100.0%; Pred. No. 3e+08;
5; Conservative 0; Mismatcher
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PRICING JOHE:
APPLICATION NUMBER: 08/855,372
FILING DATE: 13-MAY-97
FILING DATE: 13-MAY-97
FILING DATE: 16-JAN-96
ATTORNEY/AGENT INPORMATION:
NAME: Cherekov, Michael J.
REGISTRATION NUMBER: 33,664
TELEPHONE: (312) 621-0088
INFORMATION: (312) 621-1330
TELEPHONE: (312) 621-1330
TELEPHONE: (312) 621-1330
TELEPHONE: (312) 621-0088
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 bases
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ZIP: 60606

COMPUTER FRADABLE FORM:
MEDIUM TYPE: 3.50 inch, 1.4 MB storage COMPUTER: PC

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EDNESS: No. 6440671 Applicable
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER FILING DATE: 1996-06-03
EARLIER APPLICATION NUMBER: 08/467,012
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FASTSEQ for Windows Version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: CHERSKOV & FLAYNIK
STREET: 20 N. Wacker Drive
CITY: Chicago
STATE: Illinois
COUNTRY: United States
ZIP: 60606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 20, Application US/09498851
Patent No. 6440671
                                                                                                                                                                                                                                                                                                                                                                                         FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-4
                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE: Genomic DNA
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Parinov, Street V
APPLICANT: Barsky, Victor E
APPLICANT: Kirillov, Eugene V
APPLICANT: Nobiley, Svetlana A
TITLE OF INVENTION: Use of Continuous/Contiguous Stacking Hybridization as a Diagn
CORRESPONDENCES: 88
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Gilchrest, Barbara A.
APPLICANT: Year, Mina
APPLICANT: Bler, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU94-6842
CURRENT PELICATION NUMBER: US/09/048,927
CURRENT FILING DATE: 1998-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 3;
3e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Cherskov, Michael J.
REGISTRAION NUMBER: 33 664
REFERENCE/DOCKET NUMBER: 3ANL-IN-95-027
TELECOMMUNICATION INPORMATION:
TELEPHONE: (312) 621-088
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 5 bases
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: 3.50 inch, 1.4 MB storage
COMPUTER: PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: Microsoft Windows 98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
PAPLICATION NUMBER: US/08/855,372B
FILING DATE: 13-MAY-97
PRIOR APPLICATION DATA:
APPLICATION UNBER: U.S. 08/587,332
FILING DATE: 16-JAN-96
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 5; 100.0%; Pred. No.
                                                                                                                                                                                                                                                                                   Sequence 20, Application US/0885372B Patent No. 6090549 GENERAL INFORMATION:
APPLICANT: Mirzabekov, Andrei D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-048-927-4; Sequence 4; Application US/09048927; Sequence 4; Patent No. 6147056; GENERAL INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    E: CHERSKOV & FLAYNIK
20 N. Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: Genomic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET: 20 N. Wacker Dri
CITY: Chicago
STATE: Illinois
COUNTRY: United States
ZIP: 60606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GTATG 5
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Gарв
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                                                                                                                                                                                                                                                                                                                                        APPLICANT: MAR, Janet H.
APPLICANT: FARRANCE, Iain K.G.
APPLICANT: HALL, Deborah E.
APPLICANT: APRLANCH: BLARANCE, IARNAR B.
APPLICANT: LARKIN, Sarah B.
ITILE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF
INTER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend Khourie and Crew
STREET: Steuart Street Tower, One Market Plaza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
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100.0%; Score 5; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 2.1e+08;
Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 1..7—
OTHER INFORMATION: /standard_name= "Rat_beta-Myosin
OTHER INFORWATION: Heavy Chain M-CAT binding element"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTER CALLLOLLING
COUNTER CALLOLLING
ZIF: 94105-1493
ZIF: 94105-1493
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
COMPUTER: Parentin Release #1.0, Version #1.25
SOFTWARE: Parentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/615,170
FILING DATE: 06-FEB-1995
CLASSIFICATION: 435
PRIOR APPLICATION WINBER: US 08/191,493
FILING DATE: 06-FEB-1995
CLASSIFICATION: 435
FILING DATE: 04-FEB-1994
FILING DATE: 04-FEB-1994
TLING DATE: 04-FEB-1994
TLING DATE: 04-FEB-1994
FILING DATE: 04-FEB-1994
TLING DATE: 05-FEB-1994
TLING DATE: 04-FEB-1994
TLING DATE: 05-FEB-1994
TLING DATE: 05-FEB-1995
TELEFROMMUTICE: 05-FEB-1994
TELEFROMMUTICE: 05-FEB-1994
TELEFROMMUTICE: 05-FEB-1994
                                                                                                                                                                                                Sequence 12, Application US/08615170
Patent No. 5776776
GENERAL INFORMATION:
APPLICANT: ORDAHL, Charles P.
                                                                                                                                                                                                                                                                                           ORDAHL, Charles P. AZAKIE, Anthony
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           California
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MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GTATG 5
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                                                                                                                                                                                                                                                                                                                      APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-615-170-12
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                                                                                             Gapa
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: MARA Janet H.
APPLICANT: FARRANCE, Iain K.G.
APPLICANT: HALL, Deborah E.
APPLICANT: HALL, Alexandre F.R.
APPLICANT: LARKIN, Sarah B.
TITLE OF INVENTION: DTEP-1 ISOPORMS AND USES THEREOF NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend Khourie and Crew STREET: Steuart Street Tower, One Market Plaza CITY: San Francisco
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                                                       0; Indels
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                              Length 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /standard_name= "Sph-II binding site in SV40"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 94105-1493

ZIP: 94105-1493

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/615,170
                              100.0%; Score 5; DB 3; 100.0%; Pred. No. 3e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIPLICATION: 435
PRIOR APPLICATION DATA;
APPLICATION NUMBER: PCT/US95/01526
FILING DATE: 06-FEB-1995
CLASSIFICATION TA35
PRIOR APPLICATION DATA;
PRILING DATE: 04-FEB-1994
CLASSIFICATION NUMBER: US 08/191,493
FILING DATE: 04-FEB-1994
CLASSIFICATION: 0435
ATTORNEY/AGENT INFORMATION:
NAME: Heslin, James M.
REFERENCE/DOCKET NUMBER: 2307U-053120
TELEPONE: (415) 326-2400
TELEPONE: (415) 326-2400
TELEPONE: (415) 326-2400
TELEPONE: (415) 326-2400
SEQUENCE CHARACTERISTICS:
                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                     Sequence 10, Application US/08615170
Patent No. 5776776
                                                                                                                                                                                                                                                                                                                                                                                                                                      ORDAHL, Charles P. AZAKIE, Anthony
Query Match
Best Local Similarity luv...
5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 7 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ) OTHER INFORMATION:

), OTHER INFORMATION:

US-08-615-170-10
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                                                                                                                                             1 GTATG 5
                                                                                                                                                                                                       1 GTATG 5
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                                                                                                                                                                                                                                                                                                                   US-08-615-170-10/c
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RESULT

1 GTATG 5

Gape

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APPLICANT: TO1StOShev, Paul
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED
TITLE OF INVENTION: SELECTION OF CELLS TRANSDUCED WITH SUCH GENES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-US-X/-880-11/C

Sequence 17, Application US/09927886

Patent No. 6613752

GENERAL INFORMATION:

APPLICANT: Kay, Mark A.

APPLICANT: Yant, Stephen

TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a

TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a

TITLE OF INVENTION: Sleeping Beauty Transposon System

TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a

TITLE OF INVENTION: Sleeping Beauty Transposon System

FILE REPERENCE: 57AN-160CIP

CURRENT PILING DATE: 2001-08-10

PRIOR FILING DATE: 1999-10-28

PRIOR FILING DATE: 1999-11-17

NUMBER OF SEQ ID NOS: 19

SEQ ID NO 17

SEQ ID NO 17

LENGTH: 8

LENGTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.0%; Pred. No. 1.9e+08;
Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Carella, Byrne, Bain, Gilfillan,
Cecchi & Stewart
                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 5; DB 4;
100.0%; Pred. No. 1.9e+0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: transposon repeat sequence US-09-927-886-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
REFERENCE/DOCKET NUMBER: 110.00450101
TELECOMMUNICATION INFORMATION:
TELEPHONE: 612-305-1226
TELEFAX: 612-305-1228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1, Application US/08583276
Patent No. 5837536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
APPLICANT: McDonadh, Kevin T.
APPLICANT: Nienhuis, Arthur
APPLICANT: Tolstoshev, Paul
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                           TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella,
ADDRESSEE: Cecchi &
                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 GTATG 5
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US-09-927-886-17/C
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                                                                                                                                                                                                                                                                                                                                                                               US-09-142-593-11
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US-09-142-593-11/C
is Gequence 11, Application US/09142593
; Bequence 11, Application US/09142593
; Bequence 11, Application US/09142593
; GENERAL INFORMATION:
TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL TITLE OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: METERING, RAASCH & GEBHARDT, P.A.
STREET: 119 NORTH FOURTH STREET, SUITE 203
CITY: MINNEAPOLIS
COUNTRY: USA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
             Sequence 3, Application US/09048927;
Sequence 3, Application US/09048927;
Patent No. 6147056
GENERAL INFORMATION:
APPLICANT: Galchrest, Barbara A.
APPLICANT: Vaar, Mina
APPLICANT: Eller, Mark
TITLE OF INVENTION: US of Locally Applied DNA Fragments
FILE REFERENCE: B194-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT FILING DATE: 1996-03-693
EARLIER FILING DATE: 1996-06-03
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 4
SOFTHARE: PARLEXED TO NUMBER: 08/467,012
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 4
SOFTHARE: PARLEXE FAILER DATE: 1995-06-06
SOFTHARE: PARLEXE PARLEXE TO NOS: 4
SOFTHARE: PARLEXE FAILER DATE: 1995-06-06
SOFTHARE: PARLEXE TO NOS: 4
SOFTHARE TO NOS: 4
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ZUP: 55402

COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: PROPER: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/142,593
FILING DATE: 10-SEP-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LALASALVAI

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/040,664

FILING DATE: 11-MAR-1997

PRIOR APPLICATION NUMBER: 60/053,868

APPLICATION NUMBER: 60/053,868

FILING DATE: 28-JUL-1997

PRIOR APPLICATION NUMBER: 60/065,303

FILING DATE: 13-NOV-1997

PRIOR APPLICATION NUMBER: PCT/US98/04687

FILING DATE: 11-MAR-1998

ATTORNEY/AGENT INFORMATION:

NAME: SANDBERG, VICTORIA A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , OTHER INFORMATION: DNA Fragment US-09-048-927-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 5, Conservative
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Gaps

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Gaps
                                                                                                                                                                                                                            0; Indels
                                                                                                                                                                                100.0%; Score 5; DB 3; Length 9; 100.0%; Pred. No. 1.7e+08;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF INVENTION: REGULATOR: CORRESPONDENCE ADDRESSES TOI
CORRESPONDENCE ADDRESS:
ADDRESSEE: PENNIE & EDWONDS
STRET: 1155 Avenue of the Americas
CITY: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER: PLOUDY disk
CONPUTER: PLOUDY disk
CONPUTER: PLOUDY disk
CONPUTER: PLOUDY disk
CONPUTER: PLECHILD BATA:
SOFTWARE: PLECHILD BATA:
COMPUTER: PLECHILD BATA:
MELICATION NUMBER: US/08/646,789A
FILING DATE: MAY 21, 1996
CLLASSIFICATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELLEPHONE: (212) 790-9090
TELLEPHONE: (212) 790-9090
TELLEPHONE: (212) 865-9741/8864
TELLEPHONE: (212) 865-9741/8864
TELLEPHONE: (212) 865-9741/8864
TELLEPHONE: MARCHERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 80, Application US/08646789A
Patent No. 6022863
GENERAL INFORMATION:
-APPLICANT: Peyman, John A.
TITLE OF INVENTION: RECULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 5; J. 76+08; 60.0%; Pred. No. 1.76+08; Pred. No. 1.76+08; Prive 2; Mismatches 0
                                                                                                                                                                                                                            0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-048-927-1
; Sequence 1, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
                                                                                                                                                                                                     Best Local Similarity 100.0
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best_Local Similarity 60.0
Matches 3; Conservative
                                              TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                      ; TOPOLOGY: linear; MOLECULE TYPE: DNA US-08-646-789A-8
                                                                                                                                                                                                                                                                         1 GTATG 5
                                                                                                                                                                                                                                                                                                                                                                                   RESULT 11
US-08-646-789A-80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-646-789A-80
                                                                                                                                                                                Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-CHB-646-789A-8

Sequence 8, Application US/08646789A

Patent No. 6022863

GENERAL INPORMATION:
GENERAL INPORMATION:
FEGULATION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSER: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
COUNTRY: U.S.A.
ZIP: 1036-2711
COMPUTER: Ploppy disk
MEDIUM TYPE: Ploppy disk
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/646,789A
FILING DATE: MAY 21, 1996
CLASSIFICATION NUMBER: US/08/646,789A
FILING DATE: MAY 21, 1996
CLASSIFICATION NUMBER: 18,872
REFERENCE DOCKET NUMBER: 6523-006
TEMECOMMUNICATION INMBER: 6523-006
TEMECOMMUNICATION INMBER: 6523-006
TEMECOMMUNICATION INMBER: 6523-006
TEMECOMMUNICATION INMBER: 6523-006
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100.0%; Pred. No. 1.7e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                       ZIP: 07068

ZIP: 07068

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: 18M PS/2
COMPUTER: 18M PS/2
CORFWARE: 18M PS/2
SOFTWARE: DW4.V2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/583,276
FILING DATE: 05-JAN-1996
CLASSIFICATION NUMBER: 08/332,444
APPLICATION NUMBER: 08/332,444
FILING DATE: 31-OCT-1994.
APPLICATION NUMBER: 07/887,712
FILING DATE: 22-MAY-1995.
FILING DATE: 22-MAY-1995.
FILING DATE: 22-MAY-1997.
SEQUENCE CHARATERISTICS:
CITY: 6 Becker Farm Road CITY: Roseland STATE: New Jersey COUNTRY: USA ZIP: 070fc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (212) 790-9090
TELEPAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MOLECULE TYPE:
DESCRIPTION: Genomic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: singular
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.

Best Local Similarity 100.

Matches 5; Conservative
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1 GTATG 5
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US-10-096-596-32/c
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US-09-263-790-37
                       Query Match
                                                                Matches
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US-09-319-648-68/c
is equence 68, Application US/09319648
sequence 68, Application US/09319648
sequence 68, Application US/09319648
sequence 68, Application: Favence of Mary
ApplicAMT: Hawkins, Mary
IITLE OF INVENTION: Fluorescent Nucleotide Analog Hairpin
Formation for Detection of Nucleic Acid Hybridization
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0
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
CORRUTAR: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/319,648
FILING DATE: 30-Jul-1999
CLASSIFICATION: AUNKNOWN>
PRIOR APPLICATION NUMBER: US 60/032,844
FILING DATE: 13-DEC-1996
APPLICATION NUMBER: WO PCT/US97/22448
FILING DATE: 10-DEC-1997
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                               Length 9;
TITLE OF INVENTION: Use of Locally Applied DNA Fragments FILE REFERENCE: BU94-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT PILING DATE: 1998-03-26
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER FILING DATE: 1996-06-03
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FRAEKSQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Fang, Carol
REGISTRATION NUMBER: 48,631
REFERENCE/DOCKET NUMBER: 015280-288100US
                                                                                                                                                                                                                                                                                                                                                                                                  .7e+08;
                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 5; DB 3; 100.0%; Pred. No. 1.7e+C
                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
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MOLECULE TYPE: DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 68:

US-09-319-648-68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: DNA Fragment US-09-048-927-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GTATG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3 GTATG 7
                                                                                                                                                                                                                SEQ ID NO 1
LENGIH: 9
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) OTHER INFORMATION: OPT 19 Primer - Used to develop the unique RAPD profiles of the ; OTHER INFORMATION: plant Jal Pallavi US-09-263-790-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: Nirmal Kumar PATRA et al.
TITLE OF INVENTION: JAL PALLAVI, WATER LOGGING TOLERANT CYMBOPOGON WINTERIANUS FILLS REPERENCE: 2761-0120P
CURRENT APPLICATION NUMBER: US/09/263,790
CURRENT FILING DATE: 1999-03-05
NUMBER OF SEQ ID NOS: 38
SSOFTWARE: Patentin version 3.0
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
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                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                             APPLICANT: VOGEISTEIN, REALTANTS.
APPLICANT: VOGEISTEIN, BEATT
APPLICANT: VOGEISTEIN, VICTOR
APPLICANT: VALCULGECU, VICTOR
APPLICANT: VALCULGECU, VICTOR
TILE REFERENCE: 001107.00242
CURRENT APPLICATION NUMBER: US/10/096,596
CURRENT APPLICATION NUMBER: US 08/527,154
PRIOR APPLICATION NUMBER: US 08/527,154
PRIOR APPLICATION NUMBER: US 08/544,861
PRIOR FILLING DATE: 1995-09-12
PRIOR APPLICATION NUMBER: US 09/107,228
PRIOR FILLING DATE: 1995-01-18
PRIOR FILLING DATE: 1998-06-30
NUMBER OF SEQ ID NOS: 41
SEQ ID NOS: 41
SEQ ID NO 32
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100.0%; Score 5; DB 1; Length 10;

Best Local Similarity 100.0%; Pred. No. 3e+05;

Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 5; DB 4; Length 9; 100.0%; Pred. No. 1.7e+08;
Length 9;
                      1.7e+08;
100.0%; Score 5; DB 3; 100.0%; Pred. No. 1.7e+0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                                                                                       Sequence 32, Application US/10096596
Patent No. 6746845
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth W
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 37, Application US/09263790 Patent No. PP12997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
                                                5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
CORGANISM: Homo sapiens
US-10-096-596-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial
                        Best Local Similarity
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IOPHORE- AND FLUROPHORE-CONTAINING
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| Sequence 1, Application US/08250951
| Patent No. 5532129
| GENERAL INFORMATION:
| APPLICANT: Heller, Michael J
| TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
| TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-AND FLUROPH(
| TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF THEIR USE
| NUMBER OF SEQUENCES: DOLYNUCLEOTIDES AND METHODS OF THEIR USE
| CORRESPONDENCE ADDRESS:
| ADDRESSER BINGHAM & Fitting | STREET: 12526 High Bluff Drive, Suite 300 |
| CITY: San Diego | STATE: California |
| COUNTRY: USA |
| COUNTRY: USA |
| CITY: San Diego |
| CITY: Sa
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T nucleotide"
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                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 5; DB 1; Length 10; 100.0%; Pred. No. 3e+05; cive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE: PatentIn Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/250,951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/790,262
FILING DATE: 07-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: FILLING, Thomas
REGISTRATION NUMBER: 34,163
REPERRICK/POCKET NUMBER: HELOGOOP
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-792-8477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 92130
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
US-08-335-565A-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA (genomic)
INFORMATION FOR SEQ 10 SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDENNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: 619-792-8477
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LOCATION: 10
OTHER INFORMATION:
OTHER INFORMATION:
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GTATG 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 GTATG 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-250-951-1/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-250-951-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 10,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-35-565A-27

Sequence 27, Application US/08335565A

Sequence 27, Application US/08335565A

Sequence 27, Application US/0833565A

Sequence 27, Application US/0833565A

PAPLICANT: Li, Kening

APPLICANT: Li, Kening

APPLICANT: German, Thomas L.

APPLICANT: German, Thomas L.

TITLE OF INVENTION: ASSAY FOR VERTICILLIUM DAHLIAE

NUMBER OF SEQUENCES: 33

CORRESPENDANCE ADDRESS:

ADDRESSE: Quarles and Brady

STREET: Abouth Pinckney St., PO BOX 2113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/335,565A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 5; DB 1; Best Local Similarity 100.0%; Pred. No. 3e+05; Matches 5; Conservative 0; Mismatches (
                                                                                                                                                                                                                                                                                                   APPLICANT: Shashay, Ajit Kumar
APPLICANT: Shashay, Ajit Kumar
APPLICANT: Davokar, Mahendra Pandurang
APPLICANT: Darokar, Mahendra Pandurang
APPLICANT: Naqvi, Ali Arif
APPLICANT: Singh, Anil Kumar
APPLICANT: Bahl, Anil Kumar
APPLICANT: Bahl, Janak Raj
APPLICANT: Bahl, Janak Raj
APPLICANT: Bahl, Janak Raj
APPLICANT: Bahl, Mint Plant Named Saksham
TITLE OF INVENTION: Mint Plant Named Saksham
TITLE OF INVENTION: Mint Plant Named Saksham
TITLE OF INVENTION: Mint Plant Named Saksham
TITLE OF INVENTION INVEST: US/09/721,777
CURRENT APPLICATION NUMBER: US/09/721,777
CURRENT FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PASESEQ for Windows Version 4.0
ELENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Seay, Nicholas J
REGISTRATION NUMBER: 27,386
REFERENCE/DOCKET NUMBER: 960296.93065
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Khanuja, Suman Preet Singh
APPLICANT: Kumar, Sushil
                                                                                              RESULT 16
US-09-721-777-19
• Sequence 19, Application US/09721777
; Patent No. PP13279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) OTHER INFORMATION: OPT primer US-09-721-777-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
ZIP: 53701-2113
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GTATG 9
5 GTATG 9
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STATE:
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-351-748-23
                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                            CITY: 1
STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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                           ö
                                                                                                                                                                                                                               Sequence 1, Application US/08232233
Fatent No. 556532
GENERAL INFORMATION:
APPLICANT: Michael J. Heller
TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
TITLE OF INVENTION: CONTAINING POLYNUCLEOTIDES AND METHODS OF THEIR USE
NUMBER OF SEQUENCES:
ADDRESSEE: Lyon & Lyon
STREE: 611 West Sixth Street
CITY: Los Angeles
STRIE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LOCATION: 10 _
OTHER INFORMATION: /note-"Donor chromphore at the 3' T nucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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                           Indels
     100.0%; Pred. No. 3e+05; ative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
COMPRATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/08/232,233
FILING DATE: May 4, 1994
CLASSIFICATION NUMBER: US/08/232,233
FRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/790,262
ATTORNEY/AGENT INFORMATION:
NAME: MULLING DATE: NO. 556532ember 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: MULLIPD, David B.
REGISTRATION NUMBER: 207/170
TELEFORMUNICATION INFORMATION:
TELEFORMUNICATION INFORMATION FOR SEQ ID NO: 1:
BEQUIENCE CHARACTERISTICS:
TENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-222-177A-422/c
; Sequence 422, Application US/08222177A
; Patent No. 5582979
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: misc_feature LOCATION: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
       Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       nucleic acid
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                                                                           GTATG 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Cali
COUNTRY: US
ZIP: 90017
                                                                                                                                                                                                                        US-08-232-233-1/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-232-233-1
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APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n.(dd-dr)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
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Sequence 23, Application US/08351748

Patent No. 5599672

GENERAL INFORMATION:

APPLICANT: Liang, Peng
APPLICANT: Pardee, Arthur B.
APPLICANT: Blanchi, Cesario F.
TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
TITLE OF INVENTION: MESSENGER RNAS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHOATE, HALL & STEWART
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 5; DB 1; Length 10; 100.0%; Pred. No. 3e+05;
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STREET: 53 State Street
CITY: Boston
CITY: Boston
STATE: WA
COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: TEM PC COMPATIBLE
COMPUTER: PARTER: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
                                                                                                                                                                                                                                               ZIP: 1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: PROPPY disk
COMPUTER: PROPPY
COMPUTER: PATENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATR:
APPLICATION NUMBER: US/08/222,177A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               PILING DATE:
CLASSIFICATION: 435
PRIOR PAPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION UNMERR: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECHONE: (608) 831-2100
TELECHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)
US-08-222-177A-422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 100. Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        nucleic acid
EDNESS: double
                                                                                                                                                                                                               Wisconsin : USA
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Gaps

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/note= "Nucleotide 10 has a tail which comprises a cholesterol moiety which has its A ring linked to the 3'-phosphate through a carbonyl group attached to the ring nitrogen of a moiety derived from 4-hydroxy-2-hydroxymethylpyrrolidine (see formula 3)."
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Modified Oligonucleotide Duplexes Having TITLE OF INVENTION: Anticancer Activity NUMBER OF SEQUENCES: 70
                                                                                                                                                     Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 5; DB 1; Length 10;
Pred. No. 3e+05;
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ZIP: 92715

ZIP: 92715

COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/202,927
PILING DATE: 28-FEB-1994
CLASSIFICATION: 536
ATONREY/AGENT INPORMATION:
NAME: Szekeres, Gabor I.
REGISTRATION NUMBER: 28,675
RESTERENCE/POCKET NUMBER: 491-07-PA
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
                                                                                                                                                   DB 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SECUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSER: Klein & Szekeres
STREET: 4199 Campus Drive, Suite 700
CITY: Irvine
STATE: CA
                                                                                                                                                   100.0%; Score 5; 100.0%; Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mod_base= OTHER
                                                                                                                                                                                                                                                                                                                                                                                   Sequence 25, Application US/08202927
Patent No. 5646126
GENERAL INFORMATION:
APPLICANT: Cheng, Yung-chi
APPLICANT: Meyer Jr., Rich B.
APPLICANT: Meyer Jr., Rich B.
APPLICANT: Reed, Michael W.
APPLICANT: Reed, Michael W.
APPLICANT: Reed, Michael W.
APPLICANT: Zhou, James H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (714) 854-4897
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME/KEY: modified_base
                                                                                                                                                                                                Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
  TYPE: nucleic acid
STRANDEDNESS: sing:
TOPOLOGY: linear
HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION: 10
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION OTHER INFORMATION
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                       Best_Local Similarity
Matches 5, Conserv
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                                                                                                                                                                                                                                        1 GTATG 5
                                                                                                                                                                                                                                                                                                                                                                     US-08-202-927-25/c
                                                                                    ; ANTI-SENSE:
US-08-351-748-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-202-927-25
                                                                                                                                                     Query Match
                                                                                                                                                                                                                                          à
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 25, Application US/08351748

Patent No. 5599672

GENERAL INFORMATION:
APPLICANT: Liang, Peng
APPLICANT: Branch: Ceario F.
TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
TITLE OF INVENTION: MESSENGER RNAS
WUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSER: CHOATE, HALL & STEWART
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 5; DB 1; Length 10; 100.0%; Pred. No. 3e+05; rative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/351,748
FILING DATE:
                                                          CLASSIPTICATION: 435
PRIOR APPLICATION DATA:
PPLICATION NUMBER: US 08/033,084
PTILING DATE: 11-MAR-1993
ATTORNEY/AGENT INFORMATION:
NAME: Kaplan Esq., Warren A.
REGISTRATION NUMBER: 34,199
REFERENCE/DOCKET NUMBER: 181411-008
TELECOMMUNICATION INFORMATION:
TELEFAX: (6.77) 248-5000
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Kaplan Esq., Warren A.
REGISTRATION NUMBER: 34,199
REPERENCE/DOCKET NUMBER: 181411-008
TELECOMUNICATION INFORMATION:
TELEPHONE: (617) 248-5000
INFORMATION FOR SEQ 1D NO: 25:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 53 State Street CITY: Boston YTATE:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/351,748
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/033,084
FILING DATE: 11-MRR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GTATG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GTATG S
                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL: N
                                            FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY:
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Gaps
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APPLICANT: MacCollin, Mia M.
APPLICANT: Gusella, James P.
TITLE OF INVENTION: Thereof
NUMBER OF SEQUENCES: 120
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W., Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/171,718
FILING DATE: 22-DEC-1993
FILING DATE: 22-DEC-1993
CLASSIFICATION: 436
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
FILING DATE: 25-FEB-1993
FILING DATE: 25-FEB-1993
FILING DATE: US 08/026,063
                                                                                         COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
RILING DATE: 25-88F1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Herschbach Ph.D., Brenda M.
REGISTRATION UNBER: 39,223
REFERENCE/DOCKET NUMBER: 181411-012
TELECOMMUNICATION INFORMATION:
TELEPHAX: (617) 248-5000
TELEPHAX: (617) 248-4000
INFORMATION FOR SEQ ID NO: 25:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 45, Application US/08171718
Patent No. 5707863
                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS
LENGTH: 10 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Washington STATE: D.C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 5; Conserv
                            02109-2891
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 GTATG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-430-536A-25
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  Gaps
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Facent No. 566547
GENERAL INFORMATION:
APPLICANT: Liang, Peng
APPLICANT: Liang, Peng
TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
TITLE OF INVENTION: MESSENGER RNAS
NUMBER OF SEQUENCES: 27
NUMBER OF SEQUENCES: 27
ADDRESSER: CHOATE, HALL & STEWART
STREET: 53 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 10;
                                                                                                                                                                                                           GENERAL INFORMATION:
APPLICANT: Liang. Peng
APPLICANT: Liang. Arthur B.
TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
TITLE OF INVENTION: MESSENGER RNAS
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHOATE, HALL & STEWART
0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/430,536A
FILING DATE: 25-APR-1995
CLASSIFICATION: 435
ATTORNEY/ACTER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 5; DB 1; Lei
100.0%; Pred. No. 3e+05;
Michael 0;
  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Herschbach Ph.D., Brenda M.
REGISTRATION NUMBER: 39,223
REFERRINCE/DOCKET NUMBER: 181411-012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 248-5000
                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: CHOATE, HALL & STEWART
STREET: 53 State Street
CITY: Boston
                                                                                                                                                                                          Sequence 23, Application US/08430536A
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0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.
Matches 5; Conservative
    5; Conservative
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STRANDEDNESS: single
                                              GTATG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HYPOTHETICAL: N
HYPOTHETICAL: N
HANTI-SENSE: NO
US-08-430-536A-23
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                                                                                     GTATG 1
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US-08-430-536A-25
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      Matches
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; FRATURE:
; NAME/KEY: misc_feature
; LOCATION: 10
; OTHER INFORMATION: /note-"Donor chromphore at the 3' T
; OTHER INFORMATION: nucleotide"
US-08-703-601-1
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                                                                                                                                         Length 10;
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ZIP: 02109-281

ZIP: 02109-281

ZIP: 02109-281

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/684,547

FILING DATE: 19-JUL-1995
ATTORNEY/AGENT INFORMATION:
ANAME: JATTENIN NUMBER: 39,23
REFERENCE/DOCKET NUMBER: 0181411-0013
FELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR SEQ ID NO: 23:
SEGUENCE CHARACTERISTICS:
                                                                                                                                     100.0%; Score 5; DB 2; 100.0%; Pred. No. 3e+05;
                                                                                                                                                                                 Mismatches
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; Sequence 25, Application US/08684547
; Patent No. 5965409
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                                                                                                                    Query Match
Best Local Similarity 100..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GTATG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: BOE
STATE: MA
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                US-08-684-547-23
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US-08-703-601-1/c
; Sequence 1, Application US/08703601
; Fatch No. 5549489
; GENERAL INFORMATION:
; TITLE OF INVENTION:
; THERR USE
; TITLE OF INVENTION:
; THERR USE
; TITLE OF INVENTION:
; THERR USE
; ORRESPONDENCES:
; CORRESPONDENCES:
;
                                                                                                                                                                                                                                                                                                                           Length 10;
                                                                                                                                                                                                                                                                                                                       100.0%; Score 5; DB 1; Length 10; 100.0%; Pred. No. 38+05; vative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: 18M Compatible
COMPUTER: 18M Compatible
COMPUTER: 18M Compatible
COMPUTER: 18M Compatible
COMPUTER: WordPerfect (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
PILING DATE: AUGUST 23, 1996
CLASSIFICATION: 435
PRIOR APPLICATION NOMBER: 07/23, 233
FILING DATE: May 5, 1994
ATTORNEY/AGENT INFORMATION:
                                   NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         B: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Kappos, John
REGISTRATION NUMBER: 37,861
REPERENCE/DOCKET NUMBER: 22
TELECOMMUNICATION: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                 INFORMATION FOR SEQ ID NO: 45: SEQUENCE CHARACTERISTICS: LENGTH: 10 base pairs TYPE: nucleic acid STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELBER: 67-3510
INPORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
FILING DATE: 04-MAR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100...
5, Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                              ; TOPOLOGY: linear
US-08-171-718-45
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                                                                                                                                                                                                                                                                                                                                                                                                          1 GTATG 5
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MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
                                                                                                                                                                                                                                                                                                                                                                                      Sequence 174, Application US/08468609A Patent No. 6030812 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Klein, Barbara K.
McKearn, John P.
Olins, Peter O.
Paik, Kumnan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Bauer, S. C.
Braford-Goldberg,
Caparon, Maire H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (314) 737-6986
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Mark A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (314)737-6972
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                               Query Match
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Chicago
: Illinois
RY: USA
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                                                                                         TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Abrams,
                                                                                                                                                                                                                                                                                             Grard 10
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                                                                                                                                                                                                                                                                                                                                                                           US-08-468-609A-174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
ADDRESSEE:
                                                                                                                                                US-08-469-318-174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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STATE:
                                                                                                                                                                                                                                                                                                                                                         RESULT 31
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APPLICANT: Pardee Ph.D., Arthur B.
APPLICANT: Liang Ph.D., Peng
TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS
TITLE OF INVENTION: OF MRNAS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHOATE, HALL & STEWART
STREET: 53 State Street
CITY: Boston
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis Pusion
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 196
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         s; Score 5; DB 2; Length lu;
s; Pred. No. 3e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,318
                                                                                                                                                                                                                                                                           COUNTEY. USA

ZIP: 02109-2891

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/684,547
FILING DATE: 19-JUL-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INPOMMATION:
NAME: Jarrell Ph.D. Brenda H.
REGISTRATION NUMBER: 39,223
REFERENCE/POCKET NUMBER: 39,223
REFERENCE/POCKET NUMBER: 0181411-0013
TELEBHONE: (617) 248-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 174, Application US/08469318
Patent No. 6022535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/446,872
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (617) 248-4000
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.0%;
Matches 5; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION: APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 GTATG 5
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1 GTATG S
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US-08-469-318-174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-684-547-25
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APPLICANT: Thomas, John W.
TITLE OF INVENTION: Fusion Proteins Comprising Multiply Mutated Inteleukin-3 (IL-
NUMBER OF SEQUENCES: 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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                                                           Gaps
                                                           .;
0
100.0%; Score 5; DB 3; Length 10;
100.0%; Pred. No. 3e+05;
iive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match

100.0%; Score 5; DB 3; Length 10;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 60680
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: BY SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,609A
FILING DATE: 06-JUN-1995
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        E: Dennis A. Bennett, G.D. Searle & Co.,
E: Corporate Patent Dept.
P. O. Box 5110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/192,325
FILING DATE: 14-FEB-1994
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: C-2790/3
TELECOMMUNICATION INFORMATION:
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TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                       Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
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California
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COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-123-638-1/c
                                                                                                                                                                                                                      US-09-063-450-24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Gene Logic, Inc. TITLE OF INVENTION: Method and System for Computationally Identifying
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                  Sequence 45, Application US/08478087

Patent No. 6077685

GENERAL INPORMATION:
APPLICANT: Trofatter, James A.
APPLICANT: MacCollin, Mia M.
APPLICANT: Gusella, James F.
TITLE OF INVENTION: Thereof
TITLE OF INVENTION: Thereof
NUMBER OF SEQUENCES: 120
CORRESPENDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: AllOO New York Avenue, N.W., Suite 600
CITT: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 5; DB 3; Length 10; 100.0%; Pred. No. 3e+05;
                                                                                                                                                                                                                                                                                                                                           COUNTRY: UGA

ZIP: 20005-3934

COUNTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/478,087
FILING DATE: 07-UN-1995
CLASSITCATION NUMBER: US 08/171,718
FILING DATE: 19-AUG-1993
APPLICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/22,034
FILING DATE: 25-PEB-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/022,034
FILING DATE: 04-MAR-1993
FILING DATE: 04-MAR-1993
ATOONEY/AGENT INFORMATION:
NAMR: RECOWN. Anne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REFERENCE/DOCKET NUMBER: 0609.3850003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 33
US-09-063-450-24/C
1 Sequence 24, Application US/09063450
2 Patent No. 6109776
3 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY: linear
US-08-478-087-45
GTATG 10
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US-08-478-087-45
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Gaps
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US-09-063-450-33
US-09-063-450-33
Sequence 33, Application US/09063450
Patent No. 61097706
GENERAL INFORMATION:
MATICANT: Gene Logic, Inc.
TITLE OF INVENTION: Method and System for Computationally Identifying
TITLE OF INVENTION: Clusters Within a Set of Sequences
TITLE OF INVENTION: UNMER: US/09/063,450
CURRENT APPLICATION UNMER: US/09/063,450
CURRENT PILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 38
SOGTWARE: Patentin Ver. 2.1
SEQ ID NO 33
LENGTH: 10
                                                                                                                                                                                                                                                                                            PEATURE:
OTHER INFORMATION: Description of Artificial Sequence:example
OTHER INFORMATION: sequence illustrating a computational methodology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) OTHER INFORMATION: Description of Artificial Sequence:example ; OTHER INFORMATION: sequence illustrating a computational methodology US-09-063-450-33
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Fatent No. 6162603
GENERAL INFORMATION:
FAPLICANT: Michael J. Heller
TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
TITLE OF INVENTION: THEIR USB
TUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon

ADDRESSER: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
TITLE OF INVENTION: Clusters Within a Set of Sequences FILE REFERENCE: 77001.002
CURRENT APPLICATION NUMBER: US/09/063,450
CURRENT FILIG DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 24
LENGTH: 10
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 5; DB 3;
100.0%; Pred. No. 3e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
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633 West Fifth Street
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TITLE OF INVENTION: No. 6254870el c-MPL Ligands
NUMBER OF SEQUENCES: 73
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: BAFFILLS PSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,533
FILING DATE:
CLASSIFICATION DATA:
APPLICATION NUMBER: US 08/383,035
FILING DATE: 04-FEE-1995
INFORMATION POR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 5; DB 3; Length 10; 100.0%; Pred. No. 3e+05; cive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 5; DB 3; 60.0%; Pred. No. 3e+05; ive 2; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: other nucleic acid DESCRIPTION: /desc = "synthetic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 174, Application US/08446872A Patent No. 6361977
GENERAL INFORMATION:
APPLICANT: Abrame, Mark A. APPLICANT: Bauer, S. C.
                      6523-008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 31, Application US/08875533
Patent No. 6254870
GENERAL INFORMATION:
                REFERENCE/DOCKET NUMBER: 6523-(
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEFAX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 30: SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
STRANDEDNESS: single
18,872
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.
Best Local Similarity 60.0
Matches 3; Conservative
REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                          unknown
                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                  , NAME/KEY: polyA
, LOCATION: 10
US-08-646-695-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6 GUAUG 10
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US-08-446-872A-174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-875-533-31
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Fatent No. 6168943

Fatent No. 6168943

FATEL OF INPORMATION:

APPLICANT: Rose, John K.

TITLE OF INVENTION: RECOMBINANT VESICULOVIRUSES AND THEIR

TITLE OF INVENTION: USES

NUMBER OF SEQUENCES: 44

CORRESPONDENCE ADDRESS:

ADDRESSEE: PENNIE & EDMONDS

STREET: New York

CITY: New York

STREET: New York

CITY: New York
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME/KEY: misc_feature
LOCATION: 10
OTHER INFORMATION: /note-"Donor chromphore at the 3'
OTHER INFORMATION: nucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SIALE: New JOIN
COUNTRY: USA
ZIP: 10036-2711
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,695
FILING DATE: ON Even Date Herewith
CLASSIFICATION: 435
                        COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SUFWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/123,638
                                                                                                                                                                                                                                                                 PRICR APPLICATION DATA:

APPLICATION NUMBER: 08/703,601
FILING DATE:
ATTOCNEY AGENT INFORMATION:
NAME: Kappos, John
REGISTRATION NUMBER: 221/078
TELEFONNICATION INFORMATION:
TELEFONNICATION INFORMATION:
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       8 GTATG 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 36
US-08-646-695-30
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
ADDRESSE: Dennis A. Bennett, G.D. Searle & Co.,
Corporate Patent Dept.
STREET: P. O. Box 5110
COUNTRY: USA
ZIP: 90011
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFWARR: Wordberfect (Version 5.1)
APPLICATION DATA:
APPLICATION NUMBER: US/09/724,753
FILING DATE: 28-No. 6416553-2000
CLASSIFICATION AUMBER: 09/123,638
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/123,638
FILING DATE: *UNKNOWN:
NAME: Kappos, John
REGISTRATION NUMBER: 37,861
REGISTRATION NUMBER: 221/078
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 5; DB 3; Length 10;
100.0%; Pred. No. 3e+05;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: Multivariant IL-3 Hematopolesis
Pusion Protein
NUMBER OF SEQUENCES: 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           nucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 174, Application US/08762227A; Patent No. 6436387; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Braford-Goldberg, S
Caparon, Maire H.
Baston, Alan M.
Klein, Barbara K.
McKearn, John P.
Olins, Peter O.
Paik, Kumnan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     IELEX: 67-3510
INPORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Abrams, Mark A. Bauer, S. C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Chicago
STATE: Illinois
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-762-227A-174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-724-753-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 40
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TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
STRUCTURES BASED ON CHROMOPHORE-
AND FLUOROPHORE-CONTAINING
POLYNUCLEOTIDES AND METHODS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 5; DB 3; Length 10;
100.0%; Pred. No. 3e+05;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CURRENT APPLICATION DATA:

SOFTWARE PATENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/446,872A

FILING DATE: 06-JUN-1995
CLASSIFICATION DATA:

PROBLICATION NUMBER: US 08/192,325

FILING DATE: 14-FEB-1994
ATYONEY/AGENT INPORMATION:
NAME: Bennett, Dennis A.

REGISTRATION NUMBER: 34,547

REGISTRATION NUMBER: 34,547

REGISTRATION NUMBER: C-2790/1

TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION: (314)737-6986
                                                                                                                                                                                TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis
TITLE OF INVENTION: Fusion Protein
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                           B: Dennis A. Bennett, G.D. Searle & Co. B: Corporate Patent Dept.
P. O. Box 5110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
       Braford-Goldberg, Sarah R.
Caparon, Maire H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1, Application US/09724753
Patent No. 6416953
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPAX: (314)737-6972
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                              Easton, Alan M.
Klein, Barbara K.
McKearn, John P.
Olins, Peter O.
Paik, Kumma.
Thomas, John W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                      ADDRESSEE: Dennis
ADDRESSEE: Corpor:
STREET: P. O. BOX
CITY: Chicago
STATE: Illinois
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 5; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         linear
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                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 60680
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US-09-724-753-1/c
                                              APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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COMPUTER READBLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: Elab PC compatible
COMPUTER: Elab PC compatible
COMPUTER: Elab PC compatible
COMPUTER: DatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/08/762,227A
FILING DATE: 09-Dec-1996
CLASSIFICATION NUMBER: US 08/192,325
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: US 08/446,872
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Debmis A.
REGISTRATION NUMBER: 34.547
REGISTRATION NUMBER: 34.547
FILEPRAN: (708)470-6811
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LEMETAL: 10 base pairs
TYPE: nucleic acid
STRANDEDESS: single
TYPE: nucleic acid
STRANDEDESS: single
TYPE: Other nucleic acid
DESCRIPTION: (See = "synthetic DNA"
DESCRIPTION: SEQ ID NO: 174:
CYPE: OTHER NUMBER: 33: Lengt
COOLOGY: Linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: SEQ ID NO: 174:
COOLOGY: Linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: SEQ ID NO: 174:
COOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: SEQ ID NO: 174:
COOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: SEQ ID NO: 174:
COOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: SEQ ID NO: 174:
COOLOGY: Linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION: ABO ID NO: 174:
COOLOGY: Linear
CO
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Search completed: March 22, 2005, 10:49:12 Job time : 47.3333 secs

1 GTATG 5 ||||| 6 GTATG 10

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0; Gaps

Query Match 100.0%; Score 5; DB 3; Length 10; Best Local Similarity 100.0%; Pred. No. 3e+05; Matches 5; Conservative 0; Mismatches 0; Indels

us-09-540-843-4.rnpb

Sequence 178043, Sequence 11, Appl Sequence 17, Appl Sequence 6, Appli	- 17		, Appl , Appl 23, Ap 220, A	225 623 222	2256, A 1, Appl	13,5	m 49 4	Sequence 10, Appl Sequence 31, Appl Sequence 31, Appl Sequence 7, Appl	8,	636, A 1338,	134 134	134 622	Sequence 636, App Sequence 1338, Ap	134	35	2,4	31,5	72	85	100	9 5	122	14	150	191	17		22.	'n	equence	quence	Sequence 30, Appl Sequence 88, Appl Sequence 635, App	
US-10-027-62 US-09-142-59 US-09-927-88 US-09-927-88	5 US-10-263-19 5 US-10-128-50	- 8B - 7	8 US-10-742-748 US-10-861-10 US-09-990-18	0 US-09-990-186-225 0 US-09-989-994-623 0 US-09-989-994-222	0 US-09-989-994-225 4 US-10-122-630-1 4 US-10-123-633-1	4 US-10-122-633 4 US-10-096-5967 7 US-10-378-558	US-10-427-629	0-80 0-80 0-80 0-80	0 US-09-962-602	0 US-09-990-186-63	0 US-09-990-186-134 0 US-09-990-186-134	0 US-09-990-186-134 0 US-09-989-994-622	0 US-09-989-994-636	0 US-09-989-994 0 US-09-989-994	0 US-09-989-994-134 0 US-09-910-469-73	0 US-09-910-469 3 US-10-033-145	3 US-10-033-145	3 US-10-033-145	3 US-10-033-145	3 US-10-033-145-979 3 US-10-033-145-102	3 US-10-033-145-105 3 US-10-033-145-105	3 US-10-033-145-113 3 US-10-033-145-125	3 US-10-033-145-142	3 US-10-033-145-155 3 US-10-033-145-156	3 US-10-033-145-169	3 US-10-033-145-169 3 US-10-033-145-172	3 US-10-033-145 3 US-10-033-145	3 US-10-033-145-212	4 US-10-057-726	5 US-10-290-143-9 5 US-10-209-676-3	6 US-10-329-465-1	194	
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GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.	OM nucleic - nucleic search, using sw model	Run on: March 22, 2005, 09:20:43 ; Search time 177.708 Seconds (without alignments) 167.500 Million cell updates/sec	Title: US-09-540-843-4 Perfect score: 5 Sequence: 1 gtatg 5	Scoring table: IDENTITY NUC Gapop 10-0 , Gapext 1.0	Searched: 5544816 segs, 2976611598 residues	er of hits sa	Minimum DB seq length: 0 Maximum DB seq length: 200	Post-processing: Minimum Match 00% Maximum Match 100% Listing first 100 summaries	Database : Published Applications NA:*		3: /cgn2_6/ptodata/2/pubpna/USO6_NEW PUB.seq:* 4: /cgn2_6/ptodata/2/pubpna/USO6_PUBCOMB.seq:*	5: /cgn2_6/ptodata/2/pubpna/US07_NEW PUB.seq:* 6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq:*	7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:* 8: /cgn2_6/ptodata/2/pubpna/US08_PUBCOMB.seq:*	<pre>10: /cgn2_6/ptodata/2/pubpna/USO9A_PUBCOMB.seq:* 10: /cgn2_6/ptodata/2/pubpna/USO9B_PUBCOMB.seq:*</pre>	<pre>11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:* 12: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*</pre>	<pre>13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:* 14: /cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*</pre>	15: /cgn2_6/ptodata/2/pubpna/US10C_PUBCOMB.seq:*	17: /cgn2_6/ptodata/2/pmpma/USIODECOM:.cd.: 18: /cgn2_6/ptodata/2/pmpma/USIODECOM:.eq:*	19: /cgn2_6/ptodata/2/pubpna/USIO_NEW_PUB.seq:	<pre>20: /cgnz_b/ptodata/2/pubpna/US11 NBW PUB.8eq:* 21: /cgnz_b/ptodata/2/pubpna/US60_NBW_PUB.8eq:*</pre>	22: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed.	s derived by analysis of the total score distribution.	SUMMARIES	Z A Control	rength DB	5 100.0 5 14 US-10-122-630-4 Sequence 4, 5 100.0 5 14 US-10-122-630-6 Sequence 6,	3 5 100.0 5 14 US-10-122-633-4 Sequence 4,	5 100.0 7 13 US-10-027-632-178029 Sequence 178	6 5 100.0 7 13 US-10-027-632-178043 Sequence 178 7 5 100.0 7 14 US-10-122-630-3 Sequence 3,	5 100.0 7 14 US-10-122-630-7 Sequence 7,	US-10-122-633-7 Sequence US-10-122-633-7 Sequence US-10-027-632-178029 Sequence	

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Gaps
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GENERAL INCRNATION:

APPLICANT: Gilchrest, Mark S.

APPLICANT: Eller, Mark S.

APPLICANT: Yaar, Mina

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Oligonucleotides

TITLE OF INVENTION: Oligonucleotides

TITLE OF INVENTION: Oligonucleotides

TITLE OF INVENTION: UNMERR: US/10/12,633

CURRENT FILING DATE: 2002-04-12

PRIOR APPLICATION NUMBER: US 09/540,843

PRIOR APPLICATION NUMBER: PCT/US01/10162

PRIOR PILING DATE: 2001-03-31

PRIOR PILING DATE: 2001-03-31

SEQ ID NO.

SEQ ID NO.

SEQ ID NO.

LENGTH: 5

LENGTH: 5
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100.0%; Pred. No. 1.1e+09;
tive 0; Mismatches 0;
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        CURRENT APPLICATION NUMBER: US/10/122,630
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 08/467,012
PRIOR PILING DATE: 1995-06-06
PRIOR PILING DATE: 1995-06-06
PRIOR PILING DATE: 1996-06-03
PRIOR PILING DATE: 1996-06-03
PRIOR PILING DATE: 1996-06-03
PRIOR PILING DATE: 1996-06-03
PRIOR PILING DATE: 2006-03-26
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2001-03-30
NUMBER: OF SEQ ID NOS: 15
SEQ ID NO 6
SEQ ID NO 6
LENGTH: 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 6, Application US/10122633; Publication No. US20030032611A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 4, Application US/10122633 Publication No. US20030032611A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100..
Lag 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
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US-10-122-633-6/c
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Sequence Seq
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) Sequence 4, Application US/1012630
| Publication No. US20030032610A1
| GENERAL INFORMATION:
| APPLICANT: Gildrest, Barbara A. |
| APPLICANT: Gildrest, Barbara A. |
| APPLICANT: Bler, Mark S. |
| APPLICANT: Yaar, Mina |
| TITLE OF INVENTION: Oligonucleotides |
| PRIOR PLILING DATE: 1995-06-06 |
| PRIOR PELICATION NUMBER: US 09/048,927 |
| PRIOR PLING DATE: 1996-06-03 |
| PRIOR PLING DATE: 1998-03-26 |
| PRIOR PLING DATE: 2000-03-31 |
| PRIOR PLING DATE: 2000-03-31 |
| PRIOR PLING DATE: 2000-03-30 |
| PRIOR PLING DATE: 2001-03-30 |
| PRIOR PRI
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Publication No. US20030032610A1
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Eller, Mark S.
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
                                                                           US-10-330-627-1066
US-10-330-627-1443
US-10-330-627-14479
US-10-330-627-14979
US-10-093-446-174
US-10-091-281-78
US-10-091-281-410
US-10-31-281-410
US-10-31-281-410
US-10-31-310-41122
US-10-31-31122
US-10-31-31132
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 4
LENCTH: 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5; Conservative
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Best Local Similarity
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US-10-122-630-6/c
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Gaps

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US-10-027-632-178043
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ORGANISM: Human
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GRANGALL INFORMATION:

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Polymorphisms in the Human Genome

TITLE OF INVENTION: Polymorphisms in the Human Genome

FILE REFERENCE: 108627.129

CURRENT FILING DATE: 2002-04-30

FRIOR APPLICATION NUMBER: US 60/198,676

PRIOR PELING DATE: 2000-04-20

PRIOR PILING DATE: 2000-04-20

PRIOR FILING DATE: 2000-04-20

PRIOR PILING DATE: 2000-03-29

PRIOR PILING DATE: 2000-03-24

PRIOR PILING DATE: 1999-11-23

PRIOR PILING DATE: 1999-11-23

PRIOR PILING DATE: 1999-09-28

NUMBER OF SEQ ID NOS: 325720

SOFTWARE: PASESEQ for Windows Version 4.0

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                                                              TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligonucleotides FILE REFERENCE: 0054-1088-019
CURRENT APPLICATION NUMBER: US/01/12,633
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR PILING DATE: 2001-03-31
PRIOR PILING DATE: 2001-03-31
PRIOR PILING DATE: 2001-03-35
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PASESEQ for Windows Version 4.0
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 5; DB 13; Length 7; 100.0%; Pred. No. 8.2e+08;
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100.0%; Score 5; DB 14; I
Best Local Similarity 100.0%; Pred. No. 1.1e+09;
Matches 5; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
FRATURE: OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 178029, Application US/10027632 Publication No. US20020198371A1 GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A. APPLICANT: Eller, Mark S. APPLICANT: Yaar, Mina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
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US-10-027-632-178029
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TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OP INVENTION: Dolymorphisms in the Human Genome
TITLE OP INVENTION: Dolymorphisms in the Human Genome
FILE REFERENCE: 10887.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR PILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR PILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-03-29
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 2000-02-24
PRIOR FILING DATE: 1999-11-23
                                                                                                                                                                                                                                                                                                                                                                                             Sequence 7.7, Application US/10122633
Publication No US20030032611A1
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Star, Mana
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
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TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: UNMERR: US 09/540,843
PRIOR PLILING DATE: 2000-03-31
PRIOR PLILING DATE: 2000-03-31
PRIOR PLILING DATE: 2001-03-30
NUMBER OF ERQ ID NOS: 15
SOFTWARRE: FastSEQ for Windows Version 4.0
                                                                                                                                                       Query Match 100.0%; Score 5; DB 14; Length 7; Best Local Similarity 100.0%; Pred. No. 8.2e+08; Matches 5; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 8.2e+08;
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                                                                  FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment US-10-122-633-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 178029, Application US/10027632 Publication No. US20030204075A9 GENERAL INFORMATION:
LENGTH: 7
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 5; Conservative
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US-10-122-633-3

Sequence 3, Application US/10122633

Publication No US2030032611A1

GENERAL INFORMATION:

APPLICANT: Glichtest, Barbara A.

APPLICANT: Eller, Mark S.

APPLICANT: Yaar, Mina

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

FILE REFERENCE: 0054.1088-019

CURRENT PILIGN DATE: 2002-04-12

PRIOR APPLICATION NUMBER: US/10/122,633

PRIOR APPLICATION NUMBER: PCT/US01/10162

PRIOR APPLICATION NUMBER: PCT/US01/10162

PRIOR FILING DATE: 2000-03-31

PRIOR FILING DATE: 2000-03-31

SEQ ID NOS: 15:

SOFTWARE: FastSEQ for Windows Version 4.0
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                                                100.0%; Score 5; DB 14; L 100.0%; Pred. No. 8.2e+08;
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                                                                                                                                                                                                                                                                                     Sequence 7, Application US/10122630 Publication No. US20030032610A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100...
5; Conservative
                                                Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
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    US-10-122-630-3
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Gaps ö

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US-09-927-886-17/c
                                                          CITY: MIN
STATE: MI
COUNTRY:
ZIP: 5540
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APPLICANT: Wang, David G.
TITLE OF INVESTION: Delanification and Mapping of Single Nucleotide
TITLE OF INVESTION: Identification and Mapping of Single Nucleotide
TITLE OF INVESTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT APPLICATION NUMBER: US 60/218,006
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-04-20
PRIOR PLING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-29
PRIOR FILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
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Patent No. US20020016975A1
GENERAL INFORMATION:
APPLICANT: HACKETT ET AL.
TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                               Score 5; DB 17; Length 7;
Pred. No. 8.2e+08;
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PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 178029
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SEQ ID NO 178043
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Publication No. US20030204075A9
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178029
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; ORGANISM: Human
US-10-027-632-178043
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                                                                                                                                                                                        LENGTH: 7
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Patent No. US20020103152A1

GENERAL INFORMATION:

APPLICANT: Kay, Mark A.

APPLICANT: Yant, Stephen

TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a TITLE OF INVENTION: Aleeping Beauty Transposon System FILE REPERENCE: STAN-160CIP

CURRENT PELLING DATE: 2001-08-10

PRIOR PILING DATE: 1999-10-28

PRIOR PELLING DATE: 1999-110-28

PRIOR PELLOGATE: 1999-11-17

NUMBER OF SEQ ID NOS: 19

SOFTWARE: PASESEQ for Windows Version 4.0

SEQ ID NO 17

LENGTH: 8
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                                                                                                                                                                                WEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC COMPAtible
COMPUTER: IBM PC COMPATIBLE
COMPANING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/142,593
FILING DATE: 10-SEP-1998
CLASSIPICATION:
PRIOR APPLICATION NUMBER: 60/040,664
FILING DATE: 11-MAR-1997
PRIOR APPLICATION NUMBER: 60/053,868
FILING DATE: 28-JUL-1997
PRIOR APPLICATION NUMBER: 60/065,303
FILING DATE: 3-NOV-1997
PRIOR APPLICATION NUMBER: PCT/US98/04687
PRIOR APPLICATION NUMBER: PCT/US98/04687
PRIOR APPLICATION NUMBER: PCT/US98/04687
PRIOR DATE: 11-MAR-1998
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        .2e+08;
SSEE: MUETING, RAASCH & GEBHARDT, P.A.
F: 119 NORTH FOURTH STREET, SUITE 203
MINNEAPOLIS
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100.0%; Pred. No. 7.2e+0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: SANDBERG, VICTORIA A. REGISTRATION NUMBER: 41,287 RERERENCE/DOCKET NUMBER: 111 TELECOMMUNICATION INFORMATION: 512-305-1226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         MOLECULE TYPE: DNA (genomic) US-09-142-593-11
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Best Local Similarity 100.
Matches 5; Conservative
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS.
LENGTH: 8 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                          MINNESOTA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
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) MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-10-263-159-11
                                                                                                FILING DATE: 10-SEP-1998
APPLICATION NUMBER: 60/040,664
                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: 612-305-1226
TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.
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CORGANISM: Homo sapiens
US-10-128-560-224
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Best Local Similarity
Matches 5; Conserv
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APPLICANT: HACKETT ET AL.
TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
NUMBER OF SEQUENCES: 63
                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Steer, Clifford
APPLICANT: Kren, Betsy
APPLICANT: Linehan-Stieers, Cheryle
APPLICANT: Hacket, Perry
TITLE OF INVENTION: Composition for Delivery of Compounds to Cells
FILE REFERENCE: 110.01330101
CURRENT APPLICATION NUMBER: US/09/861,014
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                                                                                                  Length 8;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
STREET: 119 NORTH FOURTH STREET, SUITE 203
CITY: MINNEAPOLIS
                                                                                                DB 9; L,
7.2e+08;
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100.0%; Pred. No. 7.2e+0
                                     ) OTHER INFORMATION: transposon repeat sequence US-09-927-886-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Direct repeat sequence US-09-861-014-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION NUMBER: US 60/206,002
PRIOR FILING DATE: 2000-05-19
PRIOR APPLICATION UNMBER: US 60/285,121
PRIOR FILING DATE: 2001-04-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 11, Application US/10263159
Publication No. US20030124668A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                        Sequence 6, Application US/09861014 Patent No. US20020115216A1
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SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
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COMPUTER READABLE FORM:
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COUNTRY: USA
                                                                                              Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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LENGTH: 8
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Gaps
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| Publication No. US20030134272A1
| GENERAL INFORMATION:
| TITLE OF INVENTION: Improved mutation analysis of the NF1 Gene
| TITLE OF INVENTION: Improved mutation analysis of the NF1 Gene
| FILE REFERENCE: UG-005-PCT |
| CURRENT APPLICATION NUMBER: US/10/128,560 |
| CURRENT FILING DATE: 2002-04-18 |
| PRIOR FILING DATE: 1999-10-18 |
| PRIOR FILING DATE: 2000-06-05 |
| PRIOR FILING DATE: 2000-06-05 |
| PRIOR FILING DATE: 2000-06-16 |
| SPRIOR FILING DATE: 2000-06-16 |
| SPRIOR FILING DATE: 2000-06-16 |
| SOFTWARE: Patentin Ver. 2.1 |
| SEQ ID NO 224 |
| LENGTH: 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 5; DB 15;
100.0%; Pred. No. 7.2e+08;
                                                                                                                                                                                                                                                                                                               NAME: SANDBERG, VICTORIA A.
REGISTRATION NUMBER: 41,287
REFERENCE/DOCKET NUMBER: 110.00450101
                                                                                                   FILING DATE: 11-MAR-1997
APPLICATION NUMBER: 60/053,868
FILING DATE: 28-JUL-1997
APPLICATION NUMBER: 60/065,303
FILING DATE: 13-NOV-1997
APPLICATION NUMBER: PCT/US98/04687
FILING DATE: 11-MAR-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Mismatches
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/142,593
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APPLICANT: Unicrop Ltd
TITLE OF INVENTION: Molecular Control of Transgene Segregation and Its
TITLE OF INVENTION: Becape by a Recoverable Block of Function (RBF) System
FILE REPERRUGE: A0420FC-
CURRENT APPLICATION NUMBER: US/10/332,914
CURRENT PILING DATE: 2003-01-14
PRIOR APPLICATION NUMBER: US 09/617,543
PRIOR PILING DATE: 2000-07-14
PRIOR PILING DATE: 2001-07-16
NUMBER OF SEQ ID NOS: 15
SOFTWARE: Patentin Ver. 2.1
LENGTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 5; DB 17; Length 8; 60.0%; Pred. No. 7.2e+08; ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Description of Artificial Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: 5' exon/intron boundary site US-10-332-914-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ) OTHER INFORMATION: transposon repeat sequence US-10-608-516-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 17, Application US/10608516 Publication No. US20040092471A1 GENERAL INFORMATION:
Sequence 5, Application US/10332914
Publication No. US20040025200A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 60.0
Matches 3; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GTATG 5
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              Sequence 11, Application US/10191698

Publication No. US20030154500A1

GENERAL INFORMATION:

APPLICANT: Clark, Karl J.

APPLICANT: Israek, Zoltan

APPLICANT: Izraek, Sauzaanna

APPLICANT: Izraek, C. Pahrenkrug

TITLE OF INVENTION: NUCLEIC ACID INTO THE DNA OP A CELL

FILE REFERENCE: 110.00870102

CURRENT APPLICATION NUMBER: US/10/191,698

NUMBER OF SEQ ID NOS: 75

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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100.0%; Pred. No. 7.2e+08;
tive 0; Mismatches 0; Indels
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Sequence 1139, Application US/10314578
Bublication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Scheter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REPRENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/0/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR PPLICATION NUMBER: US 60/156,113
PRIOR PLING DATE: 1999-09-25
PRIOR PLING DATE: 1999-09-27
PRIOR PLING DATE: 1999-09-27
PRIOR PLING DATE: 1999-09-27
PRIOR PLING DATE: 1999-09-27
PRIOR PLING DATE: 1990-09-27
PRIOR PLING DATE: 1990-09-27
PRIOR PLING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SEQ ID NO 1138
LENGTH: 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
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Best Local Similarity 100.(
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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APPLICANT: Yant, A.
APPLICANT: Yant, Stephen
TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
TITLE OF INVENTION: Bleeping Beauty Transposon System
TITLE OF INVENTION: Bleeping Beauty Transposon System
FILE REPERENCE: STAN-160CIP
CURRENT APPLICATION NUMBER: US/10/608,516
CURRENT FILING DATE: 2003-06-26
PRIOR APPLICATION NUMBER: 05/0162,279
PRIOR FILING DATE: 1999-10-28
PRIOR FILING DATE: 1999-11-17
NUMBER OF SEQ ID NOS: 19
SOFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 17
LENGTH: 8

"LENGTH: 8

"LENGTH: 8
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RESULT 20

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FEATURE:
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; Publication No. US20030068675A1
; Publication No. US20030068675A1
; Publication No. US20030068675A1
; Publicant: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.21 / 811-US3
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Sequence 33 Application US/10742740

| Sequence 32 Application US/10742740
| Publication No. US20040234504A1
| GENERAL INFORMATION:
| APPLICANT: VERNA, Inder M. APPLICANT: TISCORNIA, Gustavo
| APPLICANT: SINGER, Oded
| TITLE OF INVENTION: RNA INTERFERENCE | FILE OF INVENTION: RNA INTERFERENCE | FILE OF INVENTION NUMBER: US/10/742,740
| CURRENT APPLICATION NUMBER: US/10/742,740
| CURRENT APPLICATION NUMBER: 60/434,523 | PRIOR FILING DATE: 2002-12-18 | PRIOR FILING DATE: 2002-12-18 | SOFTWARE: FastSEQ for Windows Version 4.0 | SEQ ID NO 3 | SEQ ID NO 3 | LENGTH SE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 9, Application US/10861108
; Publication No. US20050003542A1
; Publication No. US20050003542A1
; APPLICANT: Kay, Mark A.
; APPLICANT: Yant, Stephen
; TITLE OF INVENTION: Enhanced Sleeping Beauty Transposon
; TITLE OF INVENTION: System and Methods for Using the Same
; FILE REFERENCE: STAN-307
; CURRENT APPLICATION NUMBER: US/10/861,108
; CURRENT FILING DATE: 2004-06-03
; PRIOR APPLICATION NUMBER: 60/476,266
; PRIOR FILING DATE: 2003-06-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 8;
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100.0%; Pred. No. 7.2e+08;
tive 0; Mismatches 0;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Synthetic US-10-742-740-3
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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US-10-861-108-9
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US-09-99-186-2256

Sequence 2256, Application US/09990186

Publication No. US20030068675A1

GRERRAL INFORMATION:
APPLICANT: LIU, Qiang

TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS

CURRENT FILING DATE: 20011.21 / S11-US3

CURRENT FILING DATE: 2001-11-20

NUMBER OF SEQ ID NOS: 4085

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 2256

LENGTH: 9
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OTHER INFORMATION: Description of Artificial Sequence: example target
OTHER INFORMATION: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Description of Artificial Sequence: example target ; OTHER INFORMATION: DNA US-09-990-186-2220
                                                                                                                                                                                                           ) OTHER INFORMATION: Description of Artificial Sequence: example target; OTHER INFORMATION: DNA
US-09-990-186-623
                                                                                                                                                                                                                                                                                                                                                                        Gaps
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Publication No. US20030068675A1
GENERAL INFORMATION:
APPLICANT: LIU, Qiang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REFRERENCE: 8325-0011.21, $11-US3
CURRENT APPLICATION NUMBER: US/09/990,186
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: PATENTIN Ver: 2.0
SEQ ID NO 2220
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100.0%; Pred. No. 6.4e+08;
Live 0; Mismatches 0;
CURRENT APPLICATION NUMBER: US/09/990,186
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 623
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
'-hag 5; Conserv?
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; FRATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
; OTHER INFORMATION: DNA
US-09-994-2256
                                  Sequence 2256, Application US/0998994
Publication No. US20030104526A1
GENERAL INFORMATION:
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLECTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REPERENCE: 8325-0011.20 / S11-US2
CURRENT APPLICATION NUMBER: US/09/989,994
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2256
LENGTH: 9
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US-10-122-630-1
                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
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; OTHER INFORMATION: DNA
US-09-989-994-2220
                                                                                                                                                                                                                                                                             Sequence 623, Application US/09989994
Publication No. US20030104526A1
GENERAL INFORMATION:
APPLICANT: LIU, QIANG
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REPRENCE: 8325-0011.20 / S11-US2
CURRENT APPLICATION NUMBER: US/09/989, 994
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 623
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Publication No. US20030104526A1

GENERAL INFORMATION:
APPLICAMT: LIU, QLANG
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REPERENCE: 8325-0011.20 / S11-US2
CURRENT APPLICATION NUMBER: US/09/989,994
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: PATENTIN Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 5; DB 10; Length 9; Best Local Similarity 100.0%; Pred. No. 6.4e+08; Matches 5; Conservative 0; Mismatches 0; Indels
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                                              Length 9;
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                                                                  6.4e+08;
                                           100.0%; Score 5; DB 10; 100.0%; Pred. No. 6.4e+06
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ORGANISM: Artificial Sequence
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                    Query Match
Best Local Similarity 100.
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Best Local Similarity 100.
Matches 5; Conservative
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US-09-990-186-2256
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LENGTH: 9
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Gaps

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Sequence 1, Application US/10122630

Fublication No. US20030032610A1

GENERAL INFORMATION:

APPLICANT: Glichrest, Barbara A.

APPLICANT: Glichrest, Barbara A.

APPLICANT: Glichrest, Barbara A.

APPLICANT: Bller, Mark S.

TITLE OF INVENTION: Oligonuclectides

FILE REFREENCE: 0054-1088-018

CURRENT APPLICATION UNMER: US 08/467,012

PRIOR APPLICATION NUMBER: US 08/467,012

PRIOR PPLICATION NUMBER: US 09/048,927

PRIOR PLING DATE: 1995-06-03

PRIOR PLING DATE: 1996-06-03

PRIOR PLING DATE: 1998-03-26

PRIOR PLING DATE: 1998-03-36

PRIOR PLING DATE: 1998-03-31

PRIOR PLING DATE: 2000-03-31

PRIOR PLING DATE: 2000-03-31

PRIOR PLING DATE: 2000-03-31

PRIOR PLING DATE: 2000-03-31

PRIOR PLING DATE: 1098-03-36

PRIOR PLING DATE: 1098-03-36

PRIOR PLING DATE: 2000-03-31

PRIOR PLING DATE: 2000-03-31
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Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0;
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Sequence 13, Application US/10378558A Publication No. US20040009576A1 GENERAL INFORMATION:
                                                                                APPLICANT: Kalscheuer, Rainer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 100 Matches 5; Conservative
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CRGANISM: Mus musculus
US-10-427-629-3
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Best Local Similarity
Matches 5; Conserv
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Fublication No. US20030049653A1

GENERAL INFORMATION:

APPLICANT: Kinzler, Kenneth W

APPLICANT: Vogeletein, Bert

APPLICANT: Volculescu, Victor

APPLICANT: Volculescu, Victor

TITLE OF INVENTION: METHOD FOR SERIAL ANLAYSIS OF GENE EXPRESSION

FILE REFERENCE: 001107.00242

CURRENT APPLICATION NUMBER: US/10/096,596

CURRENT APPLICATION NUMBER: US 08/527,154

PRIOR FILING DATE: 1995-09-12

PRIOR FILING DATE: 1995-09-12

PRIOR FILING DATE: 1995-00-18

PRIOR FILING DATE: 1995-00-18

PRIOR FILING DATE: 1995-00-18

PRIOR FILING DATE: 1995-00-18

PRIOR FILING DATE: 1998-06-30

NUMBER OF SEQ ID NOS: 41

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            Sequence 1. Application US/10122633
; Sequence 1. Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Bler: Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using; TITLE OF INVENTION: Oligonuclectides
; TURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR PILING DATE: 2000-03-31
; PRIOR PILING DATE: 2000-03-31
; PRIOR PILING DATE: 2000-03-31
; PRIOR PILING DATE: 2001-03-30
; SOFTWARE: FRRESQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
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Best Local Similarity 100.
Matches 5; Conservative
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Matches 5; Conserv
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RESULT 33

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Publication No. US2000009576A1

RAPLICANT: Raidebear, Rainer
APPLICANT: Rainer
APPLICANTON NUMBER: US10/379,558A
CURRENT FILLIGA INNOSIS OGGISTON
AND APPLICATION NUMBER: US10/370,774
AND APPLICANTON NUMBER: US10/360,774
AND APPLICANTON NUMBER: US10/360,774
AND APPLICANTON NUMBER: US10/360,774
APPLICANTON APPLICANTON NUMBER: US10/360,774
APPLICANTON Human Chronic Lymphocytic Leukemia Modeled in Mouse By Targeted
APPLICANTON Human Chronic Lymphocytic Leukemia Modeled in Mouse By Targeted
APPLICANTON Human Chronic Lymphocytic Leukemia Modeled in Mouse By Targeted
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APPLICANT Chronic Lymphocytic Leukemia Modeled in Mouse By Targeted
APPLICANT Chronic Lymphocytic Leukemia Modeled in Mouse By Targeted
APPLICANT Chronic Lymphocytic Leuke
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Page 1.

LUBBKE, KEVIN J.

APPLICANT: SAMPRAN, LESLIB B.

APPLICANT: SAMPRAN, LESLIB B.

APPLICANT: SAMPRAN, JESPIRE M.

APPLICANT: SAMPRON, JESPIRE R.

TITLE OF INTENTION: TECHNIQUES FOR ASSESSING NONSPECIFIC BINDING OF NUCLEIC TITLE OF INVENTION: ACIDS TO SURFACES

FILE REPERENCE: 10981620-1

CURRENT FILING DATE: 1999-09-17

NUMBER OF SEQ ID NOS: 35

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 31

LENGTH: 10

TYPE.
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APPLICANT: KUMAR, ASHAVANI
APPLICANT: RAMAKRISHNAN, VIDYA
APPLICANT: GANESH, KRISHNAN, VIDYA
ITILB OF INVENTION: METHOD FOR THE HYDROPHOBISATION OF DNA MOLECULES
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; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-398-399-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:

APPLICANT: Wolber, Fual K.

APPLICANT: Wolber, Pual K.

APPLICANT: Sana, Theodore R.

TITLE OF INVENTION: Arrays Having Background Features and TITLE OF INVENTION: Methods for Using the Same FILE REPRENCE: 10010760-1.

CURRENT APPLICATION NUMBER: US/09/899,381

CURRENT FILING DATE: 2001-07-05

PRIOR FILING DATE: 1999-09-17

NUMBER OF SEQ ID NOS: 53

SOFTWARE: FREESEQ for Windows Version 4.0

SEQ ID NO 31

LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 5; DB 9; Length 10; 100.0%; Pred. No. 1.6e+06;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 31, Application US/09899381 Patent No. US20020068293A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 7, Application US/09962602 Publication No. US20030059899A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
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Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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US-09-899-381-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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Patent No. US20020018785A1

GENERAL INFORMATION:
APPLICANT: Zauderer, Maurice
TITILE OF INVENTION: Methods for Producing Recombinant Libraries in Vaccinia Virus
FILE REFERENCE: 1821.001001
CURRENT PILING DATE: 2001-04-02
CURRENT PILING DATE: 1997-09-22
NUMBER OF SEQ ID NOS: 37

SOUTWARE: Patentin version 3.0
SEQ ID NO 16
LENGTH: 10
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                                                                                                                                                                                   COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.30
SOFTWARE: PatentIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/935,377
FILING DATE: 22-SEP-1997
CLASSIFICATION: 424
ATTORNEY/AGENT INPORMATION:
NAME: Steffe, Bric K
REGISTRATION NUMBER: 36,688
REFERENCY DOCKET NUMBER: 1821.0010000/EKS/CMB
TELECOMMUNICATION INPORMATION:
TELEFRONS: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
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Patent No. US20020051973A1
GENERAL INFORMATION:
APPLICANT: DELENSTARR, GLENDA C.
APPLICANT: LEFKOWITZ, STEVEN M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: synthetic construct US-09-822-250-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 10 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , MOLECULE TYPE: CDNA
US-08-935-377-16
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Best Local Similarity
Matches 5; Conserv
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Best Local Similarity
Matches 5; Conserv
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                                                                                                                                       STATE: D. C. COUNTRY: USA
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US-09-962-602-8

Sequence 8, Application US/09962602

Publication No. US200305989A1

Publication No. US200305989A1

APPLICANT: SASTRY, MURALI

APPLICANT: RAMAKAINAN, VIDYA

APPLICANT: RAMAKAISHAN, VIDYA

APPLICANT: GANESH, KRISHNARAJANAGAR

TITLE OF INVENTION: METHOD FOR THE HYDROPHOBISATION OF DNA MOLECULES

FILE REFERENCE: 406-26

CURRENT APPLICATION NUMBER: US/09/962,602

CURRENT FILING DATE: 2001-09-26

NUMBER OF SEQ ID NOS: 10

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 8

LENGTH: 10

MURDEN OF MURDING NO.
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                                                                                                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence:ssDNA1 US-09-962-602-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 5; DB 10; Length 10; Best Local Similarity 100.0%; Pred. No. 1.6e+06; Matches 5; Conservative 0; Mismatches 0; Indels
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100.0%; Score 5; DB 10; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels
FILE REFERENCE: 4062-6
CURRENT APPLICATION NUMBER: US/09/962,602
CURRENT FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 10
SEQ ID NO 7
LENGTH: 10
TYPE: DNA
OYGANISM: Artificial Sequence
FEATURE:
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6 GTATG 2
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Search completed: March 22, 2005, 19:09:38 Job time : 180.708 secs

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US-08-630-019A-15

US-08-838-545-12

US-08-838-545-12

US-09-657-645-12

US-09-657-644-4

US-08-630-019A-18

US-09-657-644-4

US-08-630-019A-18

US-08-630-019A-18

US-08-631-019A-18

US-08-631-019A-19

US-08-831-019A-19

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US-08-831-019A-19

US-08-931-019-11

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Sequence 2, 1
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1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
                       GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-08-482-115B-2
US-08-660-678A-2
US-08-531-743-11
US-08-481-743-12
US-08-472-802C-3
US-08-472-802C-3
US-08-630-019A-39
US-08-630-019A-39
US-08-838-545-13
US-08-838-545-13
US-08-838-545-13
US-08-838-545-13
US-09-943-2
US-09-95-32-13
US-09-349-532-13
US-09-349-532-13
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US-09-657-351-2
US-09-657-351-2
US-09-657-351-2
US-09-835-370-63
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Maximum Match 100%
Listing first 100 summaries
                                                                                                         nucleic search, using sw model
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seq length: 200
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Maximum DB
                                                                                                                                                                                                                                                                              Sequence:
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ADDRESSEE: Townsend and Townsend and Crew LLP
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STRANDEDNESS: single
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                                        San Francisco
California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
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US-08-482-115B-2
                                                           STATE: Ca
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APPLICANT: Feng, Junii
APPLICANT: Feng, Junii
APPLICANT: Funk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Assays for the RNA Component of Human
TITLE OF INVENTION: Telomerase
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                        GENERAL INFORMATION:
APPLICANT: VILLEPONTEAU, Bryant
APPLICANT: FENG, Junil
APPLICANT: FENG, Junil
APPLICANT: AUDREWS, William H.
TITLE OF INVENTION: HUMAN TELOMERASE
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew
STREET: 379 Lytton Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:

SOFTWARE PATENTIN Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: U6/08/330,123A

FILING DATE: 27-OCT-1994

CLASSIFICATION: 435

PRIOR APPLICATION: 435

PRIOR APPLICATION NUMBER: U6/08/22,102

FILING DATE: 07-JUL-1994

ATTONNEY/AGENT INPORMATION:

NAME: Smith, William M

REGISTRATION NUMBER: 30,223

REFERENCE/POCKET NUMBER: 15389-000810

TELECOMMULICATION INFORMATION:

TELECOMMULICATION INFORMATION:

TELECOMMULICATION INFORMATION:
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100.0%; Pred. No. 6.7e+02
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-482-115B-2/c
; Sequence 2, Application US/08482115B
; Patent No. 5776679
; GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
                                                                                                                                               , Sequence 2, Application US/08330123A ; Patent No. 5583016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (415) 326-2422 INPORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GTTAGGGTTAG 11
                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Palo Alto
STATE: California
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 94301
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-330-123A-2
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Gaps
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                                                                                                                             CCUNTRY: USA
ZIP: 94111-3814
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PARENTIN Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/08/482,115B
FILING DATE: 07-UW-1995
FILING DATE: 07-UW-1995
PRIOR APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-UL-1994
PRIOR APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: STORELIA JOHN R.
REFERENCE/DOCKET NUMBER: 32,944
REFERENCE/DOCKET NUMBE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: US/08/660,678A
FILING DATE: 05-JUN-1996
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California COUNTRY: USA ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 11; DB 1;
100.0%; Pred. No. 6.7e+02;
Two Embarcadero Center, Eighth Floor
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iSequence 2, Application US/08660678A
; Patent No. 5837857
; GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junii
APPLICANT: Punk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNEEN and Town-
STREET: TWO Emhan-
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Gaps

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APPLICANT: Windle Bradiord E.
APPLICANT: Qiu, Ming
APPLICANT: Chen, Shi-fong
APPLICANT: Chen, Shi-fong
APPLICANT: Chen, Shi-fong
APPLICANT: Fletcher, Texace M.
APPLICANT: Maine, Trace M.
APPLICANT: Maine, Ira
TITLE OF INVENTION: Distinguishing Between Processive and
TITLE OF INVENTION: Distinguishing Between Processive and
TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
NUMBER OF SEQUENCES: 17
CORRESPONDENCES: 17
CORRESPONDENCES: 18
CORRESPONDENCES: 18
COUNTRY: Houston
STATE: Pexas
COUNTRY: United States of America
ZIP: 77210
COMPUTER: IBM PC compatible
COUNTRY: PRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DoS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,743
FILING DATE: 20-SEP-1995
CLASSIFICATION: ASSEP-1995
APPLICATION: ACEMPT INFORMATION:
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                                                                                                                Length 11;
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                                                                                                                                                                         0; Indels
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                                                                                                            Query Match 100.0%; Score 11; DB 2; 18est Local Similarity 100.0%; Pred. No. 6.7e+02; Matches 11; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAWE: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REPERENCE/DOCKET NUMBER: CTRC:026/HYL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-485-778-36/c
; Sequence 36, Application US/08485778
; Patent No. 5876379
; GENERAL INFORMATION:
APPLICANT: Andrews, William H.
APPLICANT: Avilion, Ariel Athena
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 12, Application US/08531743
Patent No. 585606
GENERAL INFORMATION:
APPLICANT: Windle, Bradford E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEPHONE: (512) 474-7577
INFORMATION FOR SEQ. ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity 100 nes 11; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                     1 GTTAGGGTTAG 11
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          ; TOPOLOGY: linear
US-08-531-743-11
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US-08-531-743-12
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Matches
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Patent No. 5856096
GENERAL INFORMATION:
GENERAL INFORMATION:
BAPLICANT: Windle, Bradford B.
APPLICANT: Giu, Ming
APPLICANT: Chen, Shi-fong
APPLICANT: Fletcher, Terace M.
APPLICANT: Fletcher, Terace M.
APPLICANT: Maine, Ira
TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and TITLE OF INVENTION: Distinguishing Between Processive and TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FOC Compactible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,743
FILLING DATE: 20-SEP-1995
CLASSIFICATION: 435
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-0CT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-0UL-1994
ATTORNEY/ACENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-000811US
TELECOMMUNICATION INFORMATION:
TELEFAX: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
SEGUENCE CHA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
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100.0%; Score 11;
Best Local Similarity 100.0%; Pred. No. 6
Matches 11; Conservative 0; Mismatche
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NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: CTRC:026/HYL
TELECOMMUNICATION INPORMATION:
TELEPHONE: (512) 418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSER: Arnold, White & Durkee STREET: P.O. Box 4433 CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: United States of America ZIP: 77210
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INFORMATION FOR SEQ ID NO: 11
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GTTAGGGTTAG 11
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Gaps
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         COMPUTER KEALABLE FORM:
MEDIUW TYER: CAPAMILE FORM:
MEDIUW TYER: TENPEPY GISK
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,802C
FILING DATE: 07-JUM-1995
CLASSIFICATION NUMBER: US/08/472,102
FILING DATE: 07-JUM-1994
PRIOR APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
ATYONEY/AGENT INFORMATION:
NAME: SMAITH, William NUMBER: 30,223
REGISTRATION NUMBER: 30,223
REFERENCE/POCKET NUMBER: 30,223
REFERENCE/POCKET NUMBER: 15389-000820
TELEPHONE: (415) 576-0200
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LLENGTH: 11 base pairs
LUMB DATE: LI base pairs
LUMB DATE: LI base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Greider, Carol
APPLICANT: Greider, Carol
APPLICANT: Marthuenda, Maria A. B.
APPLICANT: Villeponteau, Bryant
TITLE OF INVENTION: RNA Component of Telomerase
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: PROPERATION FORDS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/520,550A
FILING DATE: 29-AUG-1995
CLASSIFICATION 1435
PRIOR APPLICATION DATE: US/08/520,550A
FILING DATE: 13-FEB-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6.7e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 36, Application US/08520550A
Patent No. 6013468
GENERAL INFORMATION:
APPLICANT: Andrews, William H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Andrews, William H.
Avilion, Ariel A.
Feng, Junli
Funk, Walter
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Best Local Similarity 100.
Matches 11; Conservative
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TYPE: nucleic acid
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COMPUTER READABLE FORM:
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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STATE: MA
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-472-802C-3
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                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,778
FILING DATE: 07-JE-1995
CLASSIFICATION TOWNER: US 08/387,524
FILING DATE: 13-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 17-OCT-1994
FILING DATE: 27-OCT-1994
FILING DATE: 07-JUL-1994
ATTORNEY/ARENT INPORMATION:
FILING DATE: 37-OCT-1994
FRIDK APPLICATION NUMBER: US 08/272,102
FILING DATE: 37-OCT-1994
FRIDK APPLICATION NUMBER: SSHL94-05A4
FILING DATE: 13-FEB-1995
TELEFRENCE/DOCKET NUMBER: CSHL94-05A4
TELEFRENCE/DOCKET NUMBER: CSHL94-05A4
TELEFRAION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENTH: 11 base pairs
                                                                                     APPLICANT: Villeponteau, Bryant
TITLE OF INVENTION: RNA COMPONENT OF TELOMERASE
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Sequence 3, Application US/08472802C | Patent No. 5958680 | GENERAL INFORMATION: APPLICANT: Villeponteau, Bryant APPLICANT: Feng, Junia APPLICANT: Andrews, William H. TITLE OF INVENTION: Mammalian Telomerase NUMBER OF SEQUENCES: 4 CORRESPONDENCE ADDRESS:
Feng, Junli
Funk, Walter
Feider, Carol
Marhuenda, Maria Antonia Blasco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: nucleic acid
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                                                                                                                                                                                                                                                                                              ZIP: 02173
                                                                                                                                                                                                                                                    STATE: MA COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ;
TOPOLOGY:
US-08-485-778-36
                       APPLICANT:
APPLICANT:
APPLICANT:
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/desc = "peptide nucleic acid (PNB),
where (deoxy)ribose-phosphate linkages are replaced by
"1.(2-aminoethy)]glycine units linked to nucleotide bases via
glycine amino nitrogen through a methylenecarbonyl linker"
                                                                                                                                                                                                      Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wight, Woodring E.
APPLICANT: Pittyszek, Mieczyslaw A.
APPLICANT: Pottyszek, Mieczyslaw A.
APPLICANT: Ocrey, David
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
                                                                                                                                                     100.0%; Score 11; DB 3; Length 11; 100.0%; Pred. No. 6.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 11; DB 3; Length 11; 100.0%; Pred. No. 6.7e+02;
                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIPICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California COUNTRY: USA ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM IYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY AGENT INFORMATION:
NAME: Storella, John R.
REGISTATION NUMBER: 32,944
REFERENCE DOCKET NUMBER: 015389-001600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0210
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 30, Application US/08630019A Patent No. 6015710
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-630-019A-39; Sequence 39, Application US/08630019A; Patent No. 6015710
                                                                                                                                                                                                      11; Conservative
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ADDRESSER: Townsend
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
                                                                                                                                                                                Best Local Similarity
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                                       ; DESCRIPTION:
; DESCRIPTION:
; DESCRIPTION:
US-08-630-019A-9
              DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                        RESULT 10
US-08-630-019A-30/c
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                                                                                                                                                            Query Match
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GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wight, Woodring E.
APPLICANT: Corey, David
APPLICANT: Corey, David
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INPORMATION:
NAME: Stoorella, John R.
REGISTRATION NUMBER: 32,944
REPERENCE/POCKET NUMBER: 015389-001600US
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 11; DB 3; 100.0%; Pred. No. 6.7e+02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Townsend and Townsend and Crew LL. STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/330,123
PILING DATE: 7-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-UUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: CSHL94-05A3B
TELEPHONE: 617-861-9540
TELEPHONE: 617-861-9540
INFORMATION POR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
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TELEPAX: (415) 576-0300
INPORMATION FOR SEO ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 100.
Matches 11, Conservative
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STRANDEDNESS: single
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ADDRESSEE: Townsend
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US-08-520-550A-36
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COMPUTER READABLE FORM:
MEDIUM TYPE: RIOPPY disk
COMPUTER: INDAPY disk
COMPUTER: INDAPY disk
COMPUTER: INDAPC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION NUMBER: US 08/630,019
FILING DATA:
APPLICATION NUMBER: US 08/630,019
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: nucleic acid
STRANDEDNESS: sing
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MOLECULE TYPE:
DESCRIPTION:
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Best Local
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0
APPLICANT: Shay, Jerry W.
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Platyszek, Mieczyslaw A.
APPLICANT: Corey, David
APPLICANT: Corey, David
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: TOWNEACT
STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "phosphorothioate (PS) nucleic acid"
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APPLICANT: Shay, Jerry W.
APPLICANT: Wight, Woodring E.
APPLICANT: Partyszek, Mieczysław A.
APPLICANT: Partyszek, David R.
APPLICANT: No. 6048070nn, James C.
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF ENQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 11; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: BY PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor STREET: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                        STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY AGENT INFORMATION:
NAME: Storella, John R.
REGISTATION NUMBER: 32,944
REBERRENCE/DOCKET NUMBER: 015389-001600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 13, Application US/08838545; Patent No. 6046307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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: USA
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US-08-838-545-13
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DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 11; DB 3; Length 11; 100.0%; Pred. No. 6.7e+02;
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COMPUTER: LBUT FC COMPUTER:
COMPUTER: PATENTING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIPICATION: 536
PRICK APPLICATION NUMBER: US/08/630,019
FILING APPLICATION NUMBER: US/08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: STOTELLA, JOHN R.
RESTENCE/DOCKET NUMBER: 015389-001610US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION INFORMATION
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Gaps
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                                                                                                                      Length 11;
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                                                                                                                                                                            0; Indels
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COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOCTAARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

PRIOR APPLICATION NUMBER: US/08/998,443

FILING DATE:

CLASS!PICATION NUMBER: US/08/660,678

FILING DATE: 05-UN-1996

APPLICATION NUMBER: US/08/330,123

FILING DATE: 27-OCT-1994

PRIOR APPLICATION NUMBER: US/08/330,123

PILING DATE: 27-OCT-1994

ATTORNEY/AGENT INPOMMATION:

REGISTRATION NUMBER: 32,944

ATTORNEY/AGENT INPOMMATION:

NAME: Storella, John R.

REGISTRATION NUMBER: 32,944

REGISTRATION NUMBER: 32,944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junii
APPLICANT: Feng, Junii
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
SITRET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 11; DB 3; L 100.0%; Pred. No. 6.7e+02;
                                                                                                                100.0%; Score 11; DB 3; 1
100.0%; Pred. No. 6.7e+02;
  i DESCRIPTION: /desc = "phosphorothioate (PS)
i DESCRIPTION: nucleic acid"
US-08-838-545-44
                                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
compuTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/08998443
Patent No. 6054575
GENERAL INFORMATION:
                                                                                                                   Query Match
Best Local Similarity 100.
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.
Best Local Similarity 100.
Matches 11; Conservative
                                                                                                                                                                                                                                    1 GTTAGGGTTAG 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                          RESULT 15
US-08-998-443-2/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: San
STATE: Ca
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-998-443-2
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                                                                                                                                                                                                                                                                                 TOPOLOGY: linear

MOLEGULE TYPE: other nucleic acid

MOLEGULE TYPE: other nucleic acid (PNA),

DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by

DESCRIPTION: Where (deoxy(ribose-phosphate linkages are replaced by

DESCRIPTION: N-(2-aminoethy1)glycine units linked to nucleotide bases via

DESCRIPTION: glycine amino N through a methylenecarbonyl linker"

US-08-838-545-31
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 11; DB 3; Length 11; Best Local Similarity 100.0%; Pred. No. 6.7e+02; Matches 11; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
REGISTRATION NUMBER: 32,944
REFERENCE FOOKER NUMBER: 015389-001610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 44, Application US/08838545
Patent No. 6046307
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
                                                                                                          TELEPAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INPORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GTTAGGGTTAG 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       11 GTTAGGGTTAG 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MOLECULE TYPE:
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/desc = "peptide nucleic acid (PNB), where (deoxy/ribose-phosphate linkages are replaced by N-(2-aminoethyl)glycine units linked to nucleotide bases via glycine amino N through a methylenecarbonyl linker"
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Sequence 31, Application US/09349532

Patent No. 6294650

GENERAL INFORMATION:

APPLICANT: Wright, Woodring E.

APPLICANT: Wright, Woodring E.

APPLICANT: Platyszek, Mieczyslaw A.

APPLICANT: Orey, David R.

APPLICANT: Orey, David R.

APPLICANT: Profession of Mammalian Telomerase by TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids

NUMBER OF SEQUENCES: 60

CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STREET: Trailfornia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: PC-DOS/MS-LOUS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532
FILING DATE: 09-APR-1997
PRIOR APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 015389-001610US
TELECOMMUNICATION NUMBER: 015389-001610US
TELEFRENCE/DOCKET NUMBER: 015389-001610US
TELEFRATION NUMBER: 015389-001610US
TELEFRANCE/DOCKET NUMBER: 015389-001610US
                    CORRESCONDRACE ADDRESS:
ADDRESSEE: Townsend and Crew Lip
STRET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
COUNTRY: California
COUNTRY: USA
ZIP: 94111-3814
COMPUTER READABLE FORM:
MEDIUM TYPE: RIORPY disk
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
COMPUTER: IBM PC Compatible
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100.0%; Pred. No. 6.7e+02;
Live 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             other nucleic acid
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GTTAGGGTTAG 11
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NUMBER OF SEQUENCES:
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nes 11; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
DESCRIPTION:
DESCRIPTION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DESCRIPTION:
DESCRIPTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-349-532-13
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Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
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US-09-349-532-13

Sequence 13, Application US/09349532

Patent No. 6294650

APPLICANT: Wright, Woodring E.
APPLICANT: Wright, Woodring E.
APPLICANT: Ocrey, David R.
APPLICANT: No. 6294650cn, James C.
ATILE OF INVENTION: Peptide Nucleic Acids
TITLE OF INVENTION: Peptide Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 11;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/060,523

FILING DATE: 14-APR-1998

CLLASSIFICATION NUMBER: US 08/660,678

FILING DATE: 05-JUN-1996

FRICH APPLICATION NUMBER: US 08/330,123

FRICH APPLICATION NUMBER: US 08/330,123

PRICH APPLICATION NUMBER: US 08/330,123

FRILNG DATE: 07-JUL-1994

PRICH APPLICATION NUMBER: US 08/22,102

FILING DATE: 07-JUL-1994

PRICH APPLICATION NUMBER: 32,944

REFERENCE/DOCKET NUMBER: 32,944

REFERENCE/DOC
                                                                                                                                                                                    APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junii
APPLICANT: Funk, Walter
APPLICANT: Funk, Walter
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Bighth Floor
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                . 6.7e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 11;
100.0%; Pred. No.
ative 0; Mismatch
        RESULT 16
US-09-060-523-2/c
; Sequence 2, Application US/09060523
; Patent No. 625835
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       11 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 GTTAGGGTTAG 11
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Best Local Similarity
Matches 11; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: linear MOLECULE TYPE: RNA
                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Villepo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-060-523-2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ઠે
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MOLECULE TYPE: RNA
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    MOLECULE TYPE: other nucleic acid
    DESCRIPTION: /deec = "peptide nucleic acid (PNA),
    DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by DESCRIPTION: N-(2-aminoethyl)glychne units linked to nucleotide bases via i DESCRIPTION: glycine amino N through a methylenecarbonyl linker"

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Fatent No. 6294650
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring B.
APPLICANT: Platyszek, Mieczyslaw A.
APPLICANT: Oceay, David R.
APPLICANT: No. 6294650con, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS: 60
STATES TAWNS ENGLANCE OF STATES OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%; Score 11; DB 3; Length 11; Best Local Similarity 100.0%; Pred. No. 6.7e+02; Matches 11; Conservative 0; Mismatches 0; Indels
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYEE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             015389-001610US
                                                                                                                                                                                         PRILICATION:

PILING DATE:
CLASSIPTCATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,545
FILING DATE: 09-APR-1997
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001
TELECOMMUNICATION INFORMATION:
TELEPAN: (415) 576-0200
TELEPAN: (415) 576-0300
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US 08/838,545
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PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-349-532-44
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TITLE OF INVENTION: HUMAN TELOMERASE
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend Khourie and Crew
STREET: 379 Lytton Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IEM PC compatible

COMPUTER: IEM PC compatible

COMPUTER: IEM PC compatible

COMPUTER: IEM PC compatible

OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: PS tenetin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/580,517

FILING DATE: 25-May-2000

CLASSIFICATION NUMBER: 08/330,123

RILING DATE: CURROWN-

ATTORNEY/AGENT INFORMATION:

NAME: Smith, William M

RATIONIEY/AGENT INFORMATION:

NAME: Smith, William M

REGISTRATION NUMBER: 30,223

REFERENCE/DOCKET NUMBER: 15389-000810

TELECOMINICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Indels
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
NAMES SCORINI INCRMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 32,944
REPERDENCE'NOMERE: 015389-001610US
TELECOMUNICATION INFORMATION:
TELECAMUNICATION INFORMATION:
TELEFRAX: (415) 576-0200
TELEFRAX: (415) 576-0200
SECONDENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRAMEDNESS: single
TYPE: nucleic acid
STRAMEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "phosphorothicate (PS)
SCO-9349-532-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 11; DB 3; 1 100.0%; Pred. No. 6.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 20
US-09-580-517-2/c
; Sequence 2, Application US/09580517
; Patent No. 6320039
; GENERAL INFORMATION:
; APPLICANT: VILLEPONTEAU, Bryant
; FENG, Juni
; FENG, Juni
; FENG, Juni
; FENG, Juni
; FUNK, Walter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (415) 326-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (415) 326-2422
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INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: California
COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GTTAGGGTTAG 11
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Best Local Similarity
Matches 11; Conserva
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JS-09-657-445A-1
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                                                          Score 11; DB 3; Length 11;
Pred. No. 6.7e+02;
                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CURRENT APPLICATION DATA:

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/057,351

FILING DATE: 08-APR-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/272,102

FILING DATE: 07-JUL-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/330,123

FILING DATE: 27-OCT-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/472,802

FILING DATE: 27-OCT-1994

PRIOR APPLICATION DATA:

NAME: STORMEY OF JOHN R.

REGISTRATION NUMBER: 32,944

REGISTRATION NUMBER: 32,944

REFERENCE/DOCKET NUMBER: 015389-000821US

TELECOMMUNICATION NUMBER: 015389-000821US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Enbarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junli
APPLICANT: Funk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 94111-3834
COMPUTER READABLE FORM:
CMEDIUM TYPE: Ploppy disk
CMEDUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                  Sequence 2, Application US/09057351
Patent No. 6548298
                                                          Query Match 100.0%;
Best Local Similarity 100.0%;
Matches 11; Conservative 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0200
INFORMATION FOR SEO ID NO: 2:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 11 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GTTAGGGTTAG 11
                                                                                                                                              1 GTTAGGGTTAG 11
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                                                                                                                                                                                     11 Griaggerrag 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: sing
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MOLECULE TYPE: RNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
Matches 11; Conserv
                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       USA
                                                                                                                                                                                                                                                                     US-09-057-351-2/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-057-351-2
                 US-09-580-517-2
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APPLICANT: Geron Corporation
APPLICANT: Geron Corporation
APPLICANT: Grazina
APPLICANT: Gragaracz, Kristina
APPLICANT: Matray, Tracey
TITLE OF INVENTION: Oligonuclectide N3'-P5' Thiophosphoramidates: Their Synthesis and
TITLE OF INVENTION: Oligonuclectide N3'-P5' Thiophosphoramidates: Their Synthesis and
TITLE OF INVENTION: Oligonuclectide N3'09/657,445A
CURRENT FILING DATE: 12000-09-09
PRIOR APPLICATION NUMBER: US 60/153,201
PRIOR APPLICATION NUMBER: US 60/160,444
PRIOR APPLICATION NUMBER: US 60/160,444
PRIOR PILING DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
LENGTH: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                , OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity US-09-657-445A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
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US-09-835-370-63
i Sequence 63, Application US/09835370
i Retent No. 6777544
i GENERAL INFORMATION
i APPLICANT: URLMANN, EUGEN
i APPLICANT: WILL, DAVID W
i TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND
i TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
i FILE REPERENCE: 02481.1742 SEQUENCE 1.57ING
i CURRENT APPLICATION NUMBER: US/09/835,370
i CURRENT FILING DATE: 2001-04-17
i SOFTHARE: PATENTH VET: 2.1
i SEQ ID NO 63
i LENGTH: 11
i LENGTH: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CTHER INFORMATION: Description of Artificial Sequence: nucleotic; OTHER INFORMATION: base sequence of PNA derivatives that bind to; OTHER INFORMATION: viral and cellular targets
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 11; DB 4; Length 11; Best Local Similarity 100.0%; Pred. No. 6.7e+02; Matches 11; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
Sequence 1, Application US/09657445A Patent No. 6608036 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 1, Application US/10463076
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.
Watches 11; Conservative
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US-10-463-076-1
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MOLECULE TYPE: other nucleic acid (PNA),
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
1 DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           other nucleic acid (PNA), desc = "peptide nucleic acid (PNA), where (deoxy/ribose-phosphate linkages are replaced by N.(2-aminoethy)glycine units linked to nucleotide bases via glycine amino N through a methylenecarbonyl linker"
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                                                                                                                                                                                                                                                                                                             Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring B.
APPLICANT: Wright, Woodring B.
APPLICANT: Placyszek, Mieczyslaw A.
APPLICANT: Orey, David R.
APPLICANT: No. 6046307ton, James C.
APPLICANT: No. 6046307ton, James C.
APPLICANT: No. Foundation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                         Length 12;
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MEDIUM TYPE: PA111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: PLODAY disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIPICATION: 536
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTONNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEBENOME: (415) 576-0200
                                                                                                                                                                                                                                                         100.0%; Score 11; DB 3; 1 100.0%; Pred. No. 6.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Townsend and Townsend and Crew LL STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 3;
                                                                                                                                                                                                                                                                                                             0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 8, Application US/08838545 Patent No. 6046307
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                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 12 base pairs
nucleic acid
DNESS: single
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                                                                                                                                                                                                                                                                                                                                                                 1 GTTAGGGTTAG 11
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STATE: California
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STRANDEDNESS: sing:
                                                 linear
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          STRANDEDNESS:
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                                                 TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-838-545-8
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                                         APPLICANT: Gryaznov, Sergei
APPLICANT: Gryaznov, Sergei
APPLICANT: Matray, Tracay
APPLICANT: Matray, Tracay
TITLE OF INVENTION: Oligonuclectide N3'-->PS' Thiophosphoramidates: Their Synthesis or PILE REPRENCE: 039'004C
CURRENT APPLICATION NUMBER: US/10/463,076
CURRENT PILING DATE: 2003-06-17
PRIOR APPLICATION NUMBER: US 69'657,445
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 1999-09-10
PRIOR APPLICATION NUMBER: US 60'153,201
PRIOR APPLICATION NUMBER: US 60'160,444
PRIOR PILING DATE: 1999-10-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity US-10-463-076-1
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APPLICANT: Wright, Woodring R.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Crey, David
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 11; DB 4; Length 11; 100.0%; Pred. No. 6.7e+02; Live 0; Mismatches 0; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Bighth Floor
SITY: San Francisco
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          015389-001600US
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FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-630-019A-10
; Sequence 10, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
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NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 01:
TELECOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: (415) 576-0200 TELEPRAX: (415) 576-0300 INFORMATION POR SEQ ID NO: 58QUIENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
                     APPLICANT: Geron Corporation
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Best Local Similarity
Matches 11; Conserv
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LENGTH: 11
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Sequence 11, Application US/08630019A
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Best Local Similarity 100.
Matches 11; Conservative
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STRANDEDNESS: single
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                        Patent No. 6015710
GENERAL INFORMATION:
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DESCRIPTION:
DESCRIPTION:
DESCRIPTION:
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where (deoxy(ribose-phosphate linkages are replaced by
N-(2-aminoethy) glycine units linked to nucleotide bases via
glycine amino N through a methylenecarbonyl linker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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                                                                                                                                                                                                                                                                              APPLICANT: Shay, Jerry W.

APPLICANT: Wright, Woodring E.

APPLICANT: Piatyszek, Mieczyslaw A.

APPLICANT: Piatyszek, Mieczyslaw A.

APPLICANT: Orey, David R.

APPLICANT: No. 6294650ton, James C.

TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids

NUMBER OF SEQUENCES: 60

CORRESPONDENCE ADDRESS:

CARRESPUNDENCE ADDRESS:

CARRESPUNDENCE ADDRESS:

ADDRESSEE: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 11; DB 3; Length 12; 100.0%; Pred. No. 6.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                            Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532
      Pred. No. 6.7e+02;
; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              015389-001610US
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
CLASSIFPICATION:
PRIOR APPLICATION NUMBER: US 08/838,545
FILING DATE: 09-APR-1997
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REFERENCE/DOCKET NUMBER: 22,944
REFERENCE/DOCKET NUMBER: 015389-0016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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Patent No. 6294650
GENERAL INFORMATION:
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TELEPHONE: (415) 576-0200
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
        Similarity 100.0%; P. 11; Conservative 0;
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Best Local Similarity 100.
Matches 11; Conservative
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                                                                      1 GTTAGGGTTAG 11
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California
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      Best Local Similarity
Matches 11; Conserv
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, DESCRIPTION:
US-09-349-532-8
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GTTAGGGTTAG 12

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RESULT 28 US-08-630-019A-11

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; Sequence 12, Application US/08838545; Patent No. 6046307; GENERAL INFORMATION:
                NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 32,044
RELECOMMUNICATION INFORMATION:
TELEPRICHONE: (415) 576-0200
TELEPRICHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
  ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3 GTTAGGGTTAG 13
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Matches 11; Conserva
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DESCRIPTION:
DESCRIPTION:
DESCRIPTION:
CS-08-838-545-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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Patent No. 6046307

GENERAL INFORMATION:

APPLICANT: Wright. Woodring E.

APPLICANT: Wright. Woodring E.

APPLICANT: Ocrey, David R.

APPLICANT: No. 6046307ton, James C.

ITILE OF INVENTION: Peptide Nucleic Acids

NUMBER OF SEQUENCES: 60

CORRESPONDENCE ADDRESS:

ADDRESSER: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Bighth Floor

CITY: San Prancisco

STATE: California

COUNTY: USA.

COUNTY: USA.
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                               COMPUTER READABLE FORM:

MEDIUM TYPE: RIPPY disk
COMPUTER READABLE FORM:

MEDIUM TYPE: RIPPY disk
COMPUTER: ISM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARR: PREMENT Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-UN-1996
ILASSITCATION: 536
ATTORNEY/AGENT INFORMATION:
NAMME: SEVENTIAN: 32,944
REFERENCE/DOCKET NUMBER: 015389-001600US
TELERPAX: (415) 576-0300
INFORMATION REQ IN 0. 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
STRANDRAS: Aftorle
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.
Best Local Similarity 100.
Matches 11; Conservative
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California
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MOLECULE TYPE: other nucleic acid (PNA), besc = "peptide nucleic acid (PNA), besc = "peptide nucleic acid (PNA), besc decoxy(ribose-phosphate linkages are replaced by DESCRIPTION: where (decoxy(ribose-phosphate linkages are replaced by DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
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APPLICANT: Wright, Woodring E.
APPLICANT: Platysek, Mieczyslaw A.
APPLICANT: Creey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CONRESPONDENCE ADDRESS:
ADDRESSEE: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 11; DB 3; Length 13; 100.0%; Pred. No. 6.8e+02;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
FILING DAT
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Gaps

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Mismatches

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11; Conservative
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                                                                                                                                                                                      US-09-349-532-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY:
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  Matches
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where (deoxy(ribose-phosphate linkages are replaced by
N-(2-aminoethyl)glycine units linked to nucleotide bases via
glycine amino N through a methylenecarbonyl linker"
                        MOLECULE TYPE: other nucleic acid (PNA), DESCRIPTION: /desc = "peptide mucleic acid (PNA), DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by DESCRIPTION: N-(2-aminoethyl)glychne units linked to nucleotide bases via DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piaryszek, Mieczyslaw A.
APPLICANT: Corey, David M.
APPLICANT: Corey, David W.
APPLICANT: No. 6294650ton, James C.
APPLICANT: No. Peptide Notation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 13;
                                                                                                                                                                                        100.0%; Score 11; DB 3; Length 13; 100.0%; Pred. No. 6.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
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                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 09-AER-1997
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-AER-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 32,944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        other nucleic acid
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Patent No. 6294650
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TELEPHONE: (415) 576-0200
TELEPAK: (415) 576-0300
INFORMATION FOR SEQ ID NO: 1.
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%;
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Best Local Similarity 100.
Matches 11, Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                          1 GTTAGGGTTAG 11
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Best Local Similarity
            TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GENERAL INFORMATION:
                                                   DESCRIPTION: DESCRIPTION: DESCRIPTION: DESCRIPTION: DESCRIPTION: US-08-838-545-12
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DESCRIPTION:
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other nucleic acid /desc = "peptide nucleic acid (PNA), where (desy/ribose-phosphate linkages are replaced by N-(2-aminoethyl) alycine units linked to nucleotide bases via glycine amino N through a methylenecarbonyl linker"
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APPLICANT: Shay, Jerry W.
APPLICANT: Will, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Orcey, David R.
APPLICANT: Corcey, David R.
APPLICANT: No. 6294650con, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 13;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 11; DB 3; 1
100.0%; Pred. No. 6.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Townsend and Townsend and Crew LLI
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
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PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/838,545
FILING DATE: 09-APR-1997
FILING DATE: 09-APR-1996
FILING DATE: 09-APR-1996
FILING DATE: 109-APR-1996
FILING STORENT INFORMATION:
FILIEPHONE: (415) 576-0200
FILI
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 8, Application US/09657445A
                                                                                                                                                                                                                                                                                                                          Sequence 12, Application US/09349532
Patent No. 6294650
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ;
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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1 GTTAGGGTTAG 11
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Matches 11; Conserv
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Gaps
                                                                     APPLICANT: Windle, Bradford E.
APPLICANT: Windle, Bradford E.
APPLICANT: Chu, Ming
APPLICANT: Chen, Shi-fong
APPLICANT: Tetcher, Terace M.
APPLICANT: Fletcher, Trace M.
APPLICANT: Maine, Ira
APPLICANT: Maine, Ira
TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
TITLE OF INVENTION: Distinguishing Between Processive and
TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEB: Arnold, White & Durkee
STREET: P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
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Fatent No. 6015710

GENERAL INFORMATION

APPLICANT: Shay, Jerry W.

APPLICANT: Shay, Jerry W.

APPLICANT: Oriey, David

APPLICANT: Oc. 6015710ton, James C.

TITLE OF INVENTION: Peptide Nucleic Acids

NUMBER OF SEQUENCES: 46

CORRESPONDENCE ADRESSE: Townsend and Townsend and Crew LLP

STREET: Two Embarcadero Center, Bighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 15;
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SIGNIE: Taxas

ZIP: 77210

COUNTER READABLE FORM:

MEDIUW TYBE: Floppy disk

COMPUTER: IBM PC Compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/531,743

PILING DATE: 20-SEP-1995

CLASSIPICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Highlander, Steven L.

REGISTRATION NUMBER: 37,642

REFERENCE/DOCKET NUMBER: 37,642

REFERENCE/DOCKET NUMBER: 37,642

TELEPOMMUNICATION INFORMATION:

TELEPOMMUNICATION INFORMATION:

TELEPAX: (512) 418-3000

TELEPAX: (512) 474-7577

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

MENDETH: 15 Dase pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 11; DB 2; I
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0;
4, Application US/08531743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GTTAGGGTTAG 11
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STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              13 Griaggeriae 3
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                               CITY: Houston
STATE: Texas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-08-630-019A-12
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Patent No. 6835826

GENERAL INFORMATION

APPLICANT: Geron Corporation

APPLICANT: Pongrazz, Kristina

APPLICANT: Pongrazz, Kristina

APPLICANT: Pongrazz, Kristina

APPLICANT: Pongrazz, Kristina

APPLICANT: Matray, Tracey

TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis a

FILE REFERENCE: 039/004C

CURRENT APPLICATION NUMBER: US/10/463,076

CURRENT PILING DATE: 2003-06-17

PRIOR APPLICATION NUMBER: US 60/153,201

PRIOR PILING DATE: 1999-09-10

PRIOR PILING DATE: 1999-10-19
                                                                  APPLICANT: Gryaznov, Sergei.
APPLICANT: Braznov, Sergei.
APPLICANT: Pongracz, Krisztina
APPLICANT: Pongracz, Krisztina
APPLICANT: Matray, Tracey
TITLE OF INVENTION: Oligonucleotide N3'-P5' Thiophosphoramidates: Their Synthesis and
FILE REPERENCE: 039/003
CURRENT APPLICATION NUMBER: US/09/657,445A
CURRENT APPLICATION NUMBER: US 60/153,201
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity US-09-657-445A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity US-10-463-076-8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 100.0%; Score 11; DB 4; Length 13; Best Local Similarity 100.0%; Pred. No. 6.8e+02; Matches 11; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO B. LENGTH: 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                              APPLICANT: Geron Corporation APPLICANT: Gryaznov, Sergei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GTTAGGGTTAG 11
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US-08-531-743-4/c
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                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 8
LENGTH: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
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/desc = "peptide nucleic acid (PNA),
where (deoxy)ribose-phosphate linkages are replaced by
N-(2-aminoethyl)glycine units linked to nucleotide bases via
glycine amino nitrogen through a methylenecarbonyl linker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 40, Application US/08630019A
Sequence 40, Application US/08630019A
Sequence 40, Application US/08630019A
Sequence 40, Application Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David, APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS: 46
CORRESPONDENCE ADDRESS: Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "phosphorothioate (PS) nucleic acid"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/630,019A FILING DATE: 09-JUN-1996 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 11; DB 3; I
100.0%; Pred. No. 6.8e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                   100.0%; Score 11; DB 3; I
100.0%; Pred. No. 6.8e+02;
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NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REPERENCE/DOCKET NUMBER: 015389-001600US
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                             other nucleic acid
                                           LENGTH: 15 base pairs
TYPE: mucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucl
DESCRIPTION: where (deo
DESCRIPTION: where (deo
DESCRIPTION: yelsening
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Best Local Similarity 100.
Matches 11; Conservative
INFORMATION FOR SEQ ID NO:
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STRANDEDNESS: sing
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Matches 11; Conserv
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DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy) tibose-phosphate linkeds are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
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DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-12
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APPLICANT: Fiatyszek, Wieczyslaw A.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Diatyszek, Mieczyslaw A.
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCES. 16
CORRESPONDENCE ADDRESS: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
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                                                                     CURRENT APPLICATION DATA:
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIPICATION: 536
ATTOMNEY/AGENT INFORMATION:
NAME: Storella, John REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 32,944
REPRENCE/DOCKET NUMBER: 32,944
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPAK: (415) 576-0200
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
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APPLICATION NUMBER: US/08/630,019A FILING DATE: 09-JUN-1996 CLASSIFFCATION: 536
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NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REPERENCE/DOCKET NUMBER: 015389-001600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                    COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
            Floppy disk
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CLASSIFICATION:
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US-08-630-019A-18
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Best Local (
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Query Match 100.0%; Score 11; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps
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Sequence 8, Appli
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Sequence 19898, A
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Sequence 8, Appli
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Sequence 22, Appl
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US-10-181-823-20

US-10-863-999-63

US-10-813-266-1

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US-10-967-755-1

US-10-257-017B-305261

US-10-257-017B-334175

US-10-038-335-1

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US-10-33-152A-8

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US-09-057-351-26
US-09-947-659-1
US-10-123-925-1
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Sequence 9, Ap
Sequence 9, Ap
Sequence 4, Ap
Sequence 14, A
Sequence 17, Ap
Sequence 1, Ap
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                version 5.1.6
- 2005 Compugen Ltd.
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US-10-122-630-9
US-10-122-633-9
US-10-122-633-9
US-10-255-535-4
US-10-255-535-14
US-10-359-935-2
US-10-463-076-1
US-10-181-823-16
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Maximum Match 1008
Listing first 100 summaries
                                                                             nucleic search, using sw model
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                   GenCore (c) 1993 -
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                                  Copyright
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DB seq length: 200
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                                                                                                                                                                                                           Sequence:
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Maximum 1
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us-09-540-843-5.rnpb

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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                           Conservative
                                                                                                                      1 GTTAGGGTTAG 11
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Matches 11, Conserva
                        Best Local Similarity
Matches 11; Conserv
Query Match
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                        Sequence 19, April Sequence 6443, April Sequence 16, Appil Sequence 17, Appil Sequence 36, Appil Sequence 37, Appil Sequence 808, Appil Sequence 808, Appil Sequence 808, Appil Sequence 853, Appil Sequence 8
                                                                                                                                                                                                                                                                                                       Sequence 853, App
Sequence 824, App
   Sequence 7, Appli
                                                                                                                                                                                                                                                                                                                                                                                              Sequence 13, App]
                                                                                                                                                                                                                                                                                                                                                                  Sequence 853,
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                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 17,
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ZIL. 3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: Two Embarcadero Center, Bighth Floor CITY: San Francisco STATE: California COUNTRY: USA
                        US-09-817-387-19
7 US-10-349-143-6443
9 US-10-831-267-16
9 US-09-057-351-40
US-09-0816-248-36
US-09-888-326-808
0 US-09-888-326-808
0 US-09-76-479-853
4 US-10-112-653-824
4 US-10-017-995-853
5 US-10-336-265-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junii
APPLICANT: Feng, Junii
APPLICANT: Funk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSE: TOWNSPIA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  015389-000821US
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PRIOR PAPLICATION NUMBER: US 08/272,102
PRIOR PAPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,802
FILING DATE: 07-UN-1995
ATTORNEY/AGENT INFORWATION:
NAME: Storella, John R.
REFERENCE/DOCKET NUMBER: 015389-0008
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CUSTINATE: PATEULIN EXTERNE #1.0,
CUSTENT APPLICATION DATA:
APPLICATION NUMBER: US/09/057,351
FILING DATE: 08-APR-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 2, Application US/09057351
Patent No. US20010034439A1
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION
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INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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STRANDEDNESS: single
                                                                                                                   1000.0
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Sequence 63, Application US/09835370

Sequence 63, Application US/09835370

Publication No. US20030022172A1

GENERAL INFORMATION:
APPLICANT: UHLMANN, EUGEN

APPLICANT: WILL, DAVID W

TITLE OF INVENTION: PREVENSES FOR PREPARING THEM
TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
FILE REFERENCE: 02481.1742 SEQUENCE LISTING
CURRENT APPLICATION NUMBER: US/0980805.370

CURRENT APPLICATION NUMBER: US/0980805.64

SOFTWARE: Patentin Ver. 2.1

SEQUENCE: ACCOUNTY OF SEQUENCE LISTING
TYPE: DNA

SEQUENCE: ACCOUNTY OF SEQUENCE LISTING
TYPE: DNA

TYPE: DNA

TYPE: DNA

GENERAL SEGUENCE SEQUENCE LISTING
TYPE: DNA

GENERAL SEGUENCE SEGUENCE LISTING
TYPE: DNA

TYPE: DNA

GENERAL SEGUENCE SEGUENCE LISTING
TYPE: DNA

GENERAL SEGUENCE SEG
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US-09-835-370-63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
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100.0%; Score 11; DB 9; Length 11; 100.0%; Pred. No. 7.8e+03;
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Fublication No. US20030032610A1

GENERAL INFORMATION:

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Barbara A.

TITLE OF INVENTION: Oligonuclectides

FILE REFERENCE: 0054.1088-018

CURRENT APPLICATION NUMBER: US/10/122,630

CURRENT APPLICATION NUMBER: US/01/122,630

CURRENT APPLICATION NUMBER: US 08/467,012

PRIOR APPLICATION NUMBER: US 08/467,012

PRIOR PILING DATE: 1995-06-06

PRIOR PILING DATE: 1996-03-26

PRIOR PILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 2001-03-30

NUMBER OF SEQ ID NOS: 15

SOFTWARE: FRASESQ for Windows Version 4.0

SEQ ID NO 5

LENGTH: 11
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Length 11;
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APPLICANT: Eller, Mark S.
APPLICANT: Eller, Mark S.
APPLICANT: Eller, Mark S.
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
TITLE OF INVENTION: 01/90nucleotides
FILE REFERENCE: 0054.1088-019
CURRENT FILING DATE: 2002-04-12
PRIOR FILING DATE: 2000-03-31
PRIOR PRILING DATE: 2000-03-31
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PASTESEQ for Windows Version 4.0
SEQ ID NO 9
LENGTH: 11
                                                                                                                                                                                                                                                                            0; Indels
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                                                                                                                                                                                                                    Query Match 100.0%; Score 11; DB 14; Best Local Similarity 100.0%; Pred. No. 7.8e+03; Matches 11; Conservative 0; Mismatches 0;
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100.0%; Score 11; DB 14;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0;
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APPLICANT: Gryaznov, Sergei
APPLICANT: Gryaznov, Sergei
APPLICANT: Pongracz, Krisztina
APPLICANT: Tolman, Richard L.
APPLICANT: Morin, Gregg B.
TITLE OF INVENTION: Oligonucleotide Conjugates
TILLE OF INVENTION: Oligonucleotide Conjugates
CURRENT PILING DATE: 2002-09-25
CURRENT PILING DATE: 2002-09-25
FRIOR FILING DATE: 2002-03-21
PRIOR FILING DATE: 2002-03-21
PRIOR FILING DATE: 2002-03-21
PRIOR FILING DATE: 2002-03-21
PRIOR FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 19
                                                                                                            FRATURE:

OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/1025535 Publication No. US20030138814A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-122-633-9/c
; Sequence 9, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                          TYPE: DNA ORGANISM: Artificial Sequence
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     SEQ ID NO 5
LENGTH: 11
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                                                                                   Query Match 100.0%; Score 11; DB 14; Length 11; Best Local Similarity 100.0%; Pred. No. 7.8e+03; Matches 11; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Method to Inhibit Cell Growth Using ITILE OF INVENTION: Oligonucleotides
FILER REFERENCE: 0054.1088-018
FILER REFERENCE: 0054.1088-018
CURRENT APPLICATION NUMBER: US/10/12,630
CURRENT PILING DATE: 2002-04-12
PRIOR PLILING DATE: 1995-06-06
PRIOR PLILING DATE: 1995-06-06
PRIOR PLILING DATE: 1996-06-03
PRIOR FILING DATE: 1996-06-03
PRIOR PLILING DATE: 1996-03-26
PRIOR PLILING DATE: 1996-03-26
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR PLILING DATE: 1998-03-31
PRIOR PLILING DATE: 2000-03-31
PRIOR PLILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SEQ ID NO 9
SEQ ID NO 9
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APPLICANT: Glichest, Mark S.
APPLICANT: Eller, Mark S.
APPLICANT: Taller, Mark S.
TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligonucleotides
FILE REFERENCE: 0054-1088-0108
CURRENT APPLICATION NUMBER: US/10/122,633
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-35
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
; OTHER INFORMATION: Synthetic DNA Fragment US-10-122-630-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-9
                                                                                                                                                                                                                                                                                                                                                                                Sequence 9, Application US/10122630
Publication No. US20030032610A1
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Biler, Mark S.
APPLICANT: Yaar, Mina
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-122-633-5
; Sequence 5, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
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                                                                                                                                                                                             1 GTTAGGGTTAG 11
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MEDIUM TYPE: Floppy disk
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                                                                                                                                         Score 11; DB 15; Length 11; Pred. No. 7.8e+03;
                                                                                                                                                                            Indels
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                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Gryaznov, Sergei
APPLICANT: Gryaznov, Sergei
APPLICANT: Gryaznov, Sergei
APPLICANT: Pongracz, Kristrina
APPLICANT: Tolman, Richard L.
APPLICANT: Tolman, Gregg B.
TITLE OF INVENTION: Oligonucleotide Conjugates
FILE REFERENCE: 072/002P
CURRENT APPLICATION NUMBER: US/10/255,535
CURRENT FILING DATE: 2002-09-25
PRIOR APPLICATION NUMBER: PCT/US02/09138
PRIOR APPLICATION NUMBER: US 60/278,322
PRIOR FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 19
SOFTWARE: Patentin Version 3.1
SECTION 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                    Sequence 14, Application US/1025535 Publication No. US20030138814A1 GENERAL INFORMATION:
                                                                                     ; OTHER INFORMATION: oligonucleotide US-10-255-535-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                , OTHER INFORMATION: oligonucleotide US-10-255-535-14
                                                                                                                                       Query Match
Best Local Similarity 100.0%;
Matches 11; Conservative 0
                                 TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                               1 GTTAGGGTTAG 11
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                       US-10-255-535-14
SEQ ID NO 4
LENGTH: 11
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USERIAL INFORMATION:

Sequence 1, Application US/10463076

Publication No. US20030212032A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Geron Corporation

APPLICANT: Pongracz, Krisztina

APPLICANT: Pongracz, Krisztina

APPLICANT: Marcay

TITLE OF INVENTION: Oligonuclectide N3'-->P5' Thiophosphoramidates: Their Synthesis ar

FILE REFERENCE: 039/004C

CURRENT PILING DATE: 2003-06-17

PRIOR APPLICATION NUMBER: US 60/157,445

PRIOR PILING DATE: 1999-09-10

PRIOR FILING DATE: 1999-09-10

PRIOR FILING DATE: 1999-10-19

NUMBER OF SEQ ID NOS: 9

SOFTWARE: Patentin Version 3.1

SEQ DIDNO: 1
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US-10-463-076-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                       NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-000821US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0%; Pred. No. 7.8e+03; Matches 11; Conservative 0; Mismatches 0;
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                    CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/359,935
FILING DATE: 0.7-Feb-2003
CLASSIFICATION A35
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/057,351
FILING DATE: 08-APR-1994
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-UUL-1994
APPLICATION NUMBER: US 08/330,123
FILING DATE: 07-CT-1994
APPLICATION NUMBER: US 08/310,123
FILING DATE: 07-UUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: linear

MOLECULE TYPE: RNA
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-359-935-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 11 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS:
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      INFORMATION FOR SEQ ID NO:
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       Sequence 63, Application US/10863999
Publication No. US20040265885A1
GENERAL INFORMATION:
APPLICANT: ULHAMNN, EUGEN
APPLICANT: BREIPOHL, GERHARD
APPLICANT: WILL, DAVID W
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
TITLE OF INVENTION: PACCESSES FOR PREPARING
TITLE OF INVENTION: PACCESSES FOR PREPARING
CURRENT APPLICATION NUMBER: US/10/863,999
CURRENT PILING DATE: 2004-06-09
PRIOR FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 64
SEQ ID NO 63
INVENTIOR APPENDING NOS: 2.1
SEQ ID NO 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: nucleotic OTHER INFORMATION: base sequence of PNA derivatives that bind to OTHER INFORMATION: viral and cellular targets
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 11;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1, Application US/10831266
| Publication No. US200500034041
| GENERAL INPORMATION:
| APPLICANT: ROWLey, Peter T.
| TITLE OF INVENTION:
| TITLE OF INVENTION: TELOMERASE INTERFERENCE
| CURRENT APPLICATION NUMBER: US/10/831,266
| CURRENT FILING DATE: 2004-04-22
| PRIOR APPLICATION NUMBER: US/0/345,326
| PRIOR PILING DATE: 2001-10-16
| PRIOR PILING DATE: 2001-10-26
| PRIOR PILING DATE: 2002-10-16
| PRIOR PILING DATE: 2002-05-196
| PRIOR APPLICATION NUMBER: US 60/359,196
| PRIOR PILING DATE: 2002-02-20
| PRIOR PILING DATE: 2002-05-22
| NUMBER OF SEQ ID NOS: 17
| SEQ ID NO 1
| LENGTH::11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
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US-10-831-266-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           11, Conservative
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Best Local Similarity
Matches 11; Conserv
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APPLICANT: Geron Corporation
APPLICANT: Gerygainov, Sergei
APPLICANT: Gryzanov, Sergei
APPLICANT: Gryzanov, Sergei
APPLICANT: Gryzanov, Sergei
APPLICANT: Gryzanov, Sergei
TITLE OF INVENTION: 2'-Arabino-Fluoroligonucleotide N3'-->P5' Phosphoramidates: Thei
TITLE OF INVENTION: Synthesis and Use
TITLE OF INVENTION: Synthesis and Use
TITLE OF INVENTION: MUMBER: US/10/181,823
CURRENT FILING DATE: 2003-12-29
FRIOR APPLICATION NUMBER: PCT/US01/01918
PRIOR PILING DATE: 2001-01-19
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                    APPLICANT: Geron Corporation
APPLICANT: Geron Corporation
APPLICANT: Gryaznov, Sergei
APPLICANT: Gryaznov, Sergei
APPLICANT: Schultz, Ronald G
TITLE OF INVENTION: 2'-Arabino-Fluoroligonucleotide N3'-->P5' Phosphoramidates: Thei
TITLE OF INVENTION: Synthesis and Use
FILE REFERENCE: 049/002
CURRENT APPLICATION NUMBER: US/10/181,823
CURRENT APPLICATION NUMBER: PCT/US01/01918
PRIOR APPLICATION NUMBER: PCT/US01/01918
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100.0%; Score 11; DB 18; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels
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                            Indels
Pred. No. 7.8e+03;
                         0; Mismatches
                                                                                                                                                                                                                                               Sequence 16, Application US/10181823
Publication No. US20040126752A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-181-823-20
; Sequence 20, Application US/10181823
; Publication No. US20040126752A1
  Best Local Similarity 100.0%;
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SOFTWARE: PatentIn version 3.1
                       11; Conservative
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                                                                                                         1 GTTAGGGTTAG 11
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ORGANISM: Homo sapiens
US-10-181-823-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
CORGANISM: Homo sapiens
US-10-181-823-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQ ID NO 16
LENGTH: 11
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Best Local S
Matches 11
                       Matches
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RESULT 15

RESULT 13

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US-10-257-017B-334175/c
| US-10-257-017B-334175/ Application US/10257017B
| Sequence 334175, Application US/10257017B
| Sequence 334175, Application US/20640241651A1
| GENERAL INFORMATION:
| APPLICANT: Alexander Olek
| APPLICANT: Christian Piepenbrock
| APPLICANT: Christian Piepenbrock
| APPLICANT: Christian Piepenbrock
| APPLICANT: Christian Piepenbrock
| TITLE OF INVENTION: methylations
| TITLE OF INVENTION: methylations
| FILE REFERENCE: E01/1193/WO
| CURRENT APPLICATION NUMBER: US/210/257,017B
| CURRENT FILING DATE: 2002-04-07
| PRIOR APPLICATION NUMBER: DE 10019173.8
| PRIOR FILING DATE: 2000-04-07
| NUMBER OF SEQ ID NOS: 382046
| SEQ ID NO 334175
| LENGTH: 12
| LENGTH: 12
| LENGTH: 12
                                                                                                                                                                                                                                   APPLICANT: Christian Dispendencek
APPLICANT: Christian Dispendencek
APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: B01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 305261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0021360 US-10-257-017B-305261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Oligonucleotide primer for the detection of SNP TSC0037989
US-10-257-017B-334175
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Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0;
                                                                                                                           Sequence 305261, Application US/10257017B Publication No. US20040241651A1 GENERAL INFORMATION:
APPLICANT. Alexander Olek
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 12
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
1 GTTAGGGTTAG 11
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                                                                                                       US-10-257-017B-305261
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Geron Corporation
APPLICANT: Gryaznov, Sergei
APPLICANT: Gryaznov, Sergei
APPLICANT: Gryaznov, Sergei
APPLICANT: Marray, Tracey
TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis
FILE REFERENCE: 039/005C
CURRENT APPLICATION NUMBER: US/10/967,755
CURRENT PILING DATE: 2004-10-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        , OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-967-755-1
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100.0%; Score 11; DB 19; Length 11;
Best Local Similarity 100.0%; Pred. No. 7.8e+03;
Matches 11; Conservative 0; Mismatches 0; Indels
                                                                                         APPLICANT: ROWIEY, PETER T.
TITLE OF INVENTION: TELOMERASE INTERFERENCE
FILE REPERENCE: A-71506-2/RFT/THR
CURRENT APPLICATION NUMBER: US/10/831,267
CURRENT FILING DATE: 2004-04-22
PRIOR APPLICATION NUMBER: PCT/US 02/33146
PRIOR APPLICATION NUMBER: US 60/345,326
PRIOR APPLICATION NUMBER: US 60/345,326
PRIOR FILING DATE: 2001-10-22
PRIOR FILING DATE: 2002-10-16
PRIOR FILING DATE: 2000-02-0
PRIOR FILING DATE: 2002-02-0
PRIOR FILING DATE: 2002-02-0
PRIOR FILING DATE: 2002-02-3
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PATENTIN VEREION 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: telomerase RNA fragment US-10-831-267-1
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PRIOR FILING DATE: 2003-06-17
PRIOR APPLICATION NUMBER: US 09/657,445
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-10-19
PRIOR PLIUNG DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 9
SSOFWARE: Patentin version 3.1
LENGTH: 11
                   Sequence 1, Application US/10831267
Publication No. US20050009177A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/10967755
Publication No. US20050049408A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial
US-10-831-267-1/c
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; Sequence 4, Application US/09893252 ; Publication No. US20030012755A1

1 GTTAGGGTTAG 11

US-09-893-252-4

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APPLICANT: Branet, Dayleline
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Hancak, Ronnie
APPLICANT: Vickers, Timothy
APPLICANT: Vickers, Timothy
APPLICANT: Vickers, Timothy
APPLICANT: Nodulation Of Telomere Length By Oligonucleotides Having A G-Core
TITLE OF INVENTION: Sequence
FILE REFERENCE: ISIS-4976
CURRENT FILING DATE: 2001-01-02
FRIOR PAPLICATION NUMBER: 09/299,058
FRIOR PELING DATE: 1999-04-23
FRIOR PELING DATE: 1999-04-23
FRIOR PLING DATE: 1995-06-12
FRIOR PLING DATE: 1993-09-29
FRIOR PLING DATE: PROPERTY DATE: 1993-09-29
FRIOR PLING DATE: PROPERTY DATE: P
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Publication No. US20030175776A1
GENERAL INFORMATION:
APPLICANT: Hitachi Software Engineering Co.,Ltd.,
TITLE OF INVENTION: Accelerator And Acceleration Method For Hybridization
FILE REFERENCE: 138051
CURRENT APPLICATION NUMBER: US/10/347,253
CURRENT FILING DATE: 2003-01-21
NUMBER OF SEQ ID NOS: 3
SOFTWARE: Patentin Ver. 2.1
LENGTH: 13
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US-10-347-253-1
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Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0:
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Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: No. US20030096776A1el sequence
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ORGANISM: Artificial Sequence
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US-10-368-451-1
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APPLICANT: Broker, Jacqueline
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, Rounie
APPLICANT: Brown-Driver, Vickie
APPLICANT: Timothy
APPLICANT: Anderson, Kevin
TITLE OF INVENTIONS Hodulation Of Telomere Length By Oligonucleotides Having A G-Core
FILE REPERENCE: ISIS-4976
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Pred. No. 7.7e+03;
4; Mismatches 0;
                          APPLICANT: Ahluwalia, Gurpreet S.
TITLE OF INVENTION: REDUCTION OF HAIR GROWTH
TILE REPERENCE: 00216-552001
CURRENT APPLICATION NUMBER: US/09/893,252
CURRENT FILING DATE: 2001-10-12
SOFTWARE: FastSEO for Windows Version 4.0
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CURRENT FILING DATE: 2001-01-02
PRIOR PELLING DATE: 1999-04-23
PRIOR FILING DATE: 1995-04-23
PRIOR FILING DATE: 1995-06-12
PRIOR PILING DATE: 1995-06-12
PRIOR APPLICATION NUMBER: PCT/US93/09297
PRIOR PILING DATE: 1995-06-29
PRIOR PILING DATE: 1992-09-29
PRIOR PILING DATE: 1992-09-29
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PATENT NOS: 10
SOFTWARE: PATENT NOS: 10
SOFTWARE: PATENT NOS: 11
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US-10-038-335-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 1, Application US/10038335 Publication No. US20030096776A1 GENERAL INFORMATION:
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; Sequence 2, Application US/10038335
; Publication No. US20030096776A1
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APPLICANT: Styczynski, Peter
                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 63.0-
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                                                                                                                                                                                                                                                                                                                      TYPE: RNA
CORGANISM: Homo sapiens
US-09-893-252-4
                                                                                                                                                                                                                                                       SEQ ID NO 4
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Sequence 19898, Application US/10257017B
Sequence 19898, Application US/10257017B
Sequence 19898, Application US/10257017B
Publication No. US20040241651A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: MIT Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
TITLE OF INVENTION: MUBBER: US/10/257,017B
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NOS: 382046
FERGING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
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APPLICANT: Alexander Olek
APPLICANT: Christian Piepenbrock
APPLICANT: Christian Piepenbrock
APPLICANT: Watt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
TITLE OF INVENTION: methylations
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT FILING DATE: 2002-10-07
           TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine TITLE OF INVENTION: methylations FILE REFERENCE: BOL/193/WO CURRENT APPLICATION NUMBER: US/10/257,017B CURRENT FILING DATE: 2002-10-07 PRIOR APPLICATION NUMBER: DE 10019173.8 PRIOR FILING DATE: 2000-04-07 NUMBER OF SEQ ID NOS: 382046 SEQ ID NO 19897 LENGTH: 13
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US-10-257-017B-19898
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                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 11; Conservative
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Kurt Berlin
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Best Local Similarity
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US-10-257-017B-19898/c
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APPLICANT: Gryaznov, Serget
APPLICANT: Pongracz, Krisztina
APPLICANT: Pongracz, Krisztina
APPLICANT: Matray, Tracey
TITLE OF INVENTION: Oligonuclectide N3'-->P5' Thiophosphoramidates: Their Synthesis s
FILE REFERENCE: 039/004C
CURRENT APPLICATION NUMBER: US/10/463,076
CURRENT APPLICATION NUMBER: US 60/157,445
PRIOR FILING DATE: 2000-09-08
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin Version 3.1
SEQ ID NO 8
                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Artificial sequence synthesized by a sequencer by the inventors US-10-368-451-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
                              APPLICANT: Hitachi Software Engineering Co., Ltd.
TITLE OF INVENTION: POLYMER CHIP AND METHOD FOR IDENTIFYING AN IONIC POLYMER FILE REFERENCE: PH-1700
CURRENT APPLICATION NUMBER: US/10/368,451
CURRENT FILING DATE: 2003-02-20
PRIOR FILING DATE: 2003-02-20
PRIOR FILING DATE: 2002-03-28
NUMBER: OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 8, Application US/10463076 Publication No. US20030212032A1 GENERAL INFORMATION:
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; APPLICANT: Christian Piepenbrock
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial sequence
Publication No. US20030186298A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Geron Corporation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11; Conservative
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Matches 11; Conserv
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US-10-257-017B-19897
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-967-755-8
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                                                                                                                                                                                                                                       Length 13;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CONDITIONS RELATED TO
TEOLOMERE LENGTH AND/OR
TELOMERASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/232,927A
FILING DATE: 29-Aug-2002
CLASSIFICATION: «Uhknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
APPLICATION NUMBER: 08/819,867
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      UTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. DOS 5.( SOPTWARE: FastSEQ for Windows 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
NAME: Chambers, Daniel M.
REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Calvin B. Harley
Scott L. Weinrich
Catherine M. Strahl
Michael J. Mceachern
Jerry Shay
Woodring B. Wright
Rlizabeth H. Blackburn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
SIREET: 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 20, Application US/10232927A Publication No. US20030190638A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Michael D. West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 16 base pairs
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  NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn version 3.1
SEQ ID NO 8
                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
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                                                                                                                                                                                                                                                                                                                                      1 GTTAGGGTTAG 11
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APPLICANT: Kurt Berlin
TITLE OF INVENTION: Detection of single nucleotide polymorhphisms [SNPs] and cytosine
TITLE OF INVENTION: methylations
FILE REFERENCE: E01/1193/WO
CURRENT APPLICATION NUMBER: US/10/257,017B
CURRENT PILING DATE: 2002-10-07
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR PILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 102800
LENGTH: 13
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APPLICANT: Gryaznov, Sergei
APPLICANT: Matray, Tracey
TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis e
TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis e
TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis e
TITLE OF INVENTION NUMBER: US 10/463,076
PRIOR APPLICATION NUMBER: US 60/163,445
PRIOR APPLICATION NUMBER: US 60/153,201
PRIOR APPLICATION NUMBER: US 60/153,201
PRIOR APPLICATION NUMBER: US 60/160,444
PRIOR FILING DATE: 1999-10-19
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                                                                                                                                                                  ; OTHER INFORMATION: Oligonuclectide for detection of SNP TSC0025688 US-10-257-017B-102799
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Oligonuclectide for detection of SNP TSC0025688 US-10-257-017B-102800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 13;
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100.0%; Pred. No. 7.7e+03;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 102800, Application US/10257017B Publication No. US20040241651A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 8, Application US/10967755
Publication No. US20050049408A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPB: DNA ORGANISM: Artificial Sequence
                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 382046
SEQ ID NO 102799
LENGTH: 13
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Best Local Similarity 100.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      13 GTTAGGGTTAG 3
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1 GTTAGGGTTAG 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
CORGANISM: Homo sapiens
US-10-831-267-22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-780-464-2
                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-831-267-22/c
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                                                                                                                            Matches
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                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: SAITO, ISAO
APPLICANT: SAITO, ISAO
APPLICANT: SAITO, ISAO
APPLICANT: SAITO, SHINGUKE
ITILE OF INVENTION: MOLECULES CAPABLE OF BINDING TO TELOMERE AND THE LIKE
TITLE OF INVENTION: MOLECULES CAPABLE OF THE SAME
FILE REPERENCE: 58449 (712.56)
CURRENT APPLICATION NUMBER: US/10/333,152A
CURRENT PILING DATE: 2003-01-16
PRIOR APPLICATION NUMBER: PCT/JP01/06150
PRIOR PILING DATE: 2000-07-17
PRIOR PILING DATE: 2000-07-17
PRIOR PILING DATE: 2000-07-17
PRIOR PILING DATE: 2000-07-17
SEQ ID NOS: 9
SOFTWARE: Patentin Ver: 2.1
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                                                                                                                                                                        ö
                                                                                                                            Length 16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%; Score 11; DB 18; Length 16; 100.0%; Pred. No. 7.7e+03;
                                                                                                                                                                      Indels
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                                                                                                                          Query Match
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0;
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Publication No. US20040219634A1

GENERAL INFORMATION:
GENERAL INFORMATION:
THEAL OF INVENTION: Artificial Chromosome
TILE REFERENCE: 50026/016002

CURRENT FILING DATE: 2004-02-17

PRIOR APPLICATION NUMBER: 09/254,947

PRIOR PILING DATE: 2000-03-13

PRIOR PILING DATE: 1997-09-18

PRIOR PILING DATE: 1997-09-18

PRIOR PILING DATE: 1997-09-18

PRIOR FILING DATE: 1997-09-18

NUMBER OF SEQ ID NOS: 2

SEQ ID NO 2

SEQ ID NO 2

SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Mismatches
                                                           SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-10-232-927A-20
                                                                                                                                                                                                                                                                                                                                                              Sequence 8, Application US/10333152A Publication No. US20040170980A1 GENERAL INFORMATION:
  TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 100.
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GTTAGGGTTAG 11
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US-10-780-464-2/c
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       Length 16;
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ch 100.0%; Score 11; DB 18; 1 Similarity 100.0%; Pred. No. 7.7e+03; 11; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                            RESULT 33
US-10-831-266-16/C

Sequence 16, Application US/10831266
Publication No. US20050003404A1
GENERAL INFORMATION:
APPLICANT: Rowley, Peter T.
TITLE OF INVENTION: TELOMERASE INTERFERENCE
FILE REFREENCE: A-71506-1/RFT/THR
CURRENT FILING DATE: 2004-04-22
PRIOR APPLICATION NUMBER: US/10/831,266
CURRENT FILING DATE: 2002-10-16
PRIOR PILING DATE: 2002-10-16
PRIOR APPLICATION NUMBER: US 60/345,326
PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: US 60/345,326
PRIOR PILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-02-20
PRIOR FILING DATE: 2002-02-20
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PRIOR PILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-02-20
PRIOR PILING DATE: 2002-02-20
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Publication No. US20050009177A1
GENERAL INFORMATION:
APPLICANT EOWIEY, Peter T.
TITLE OF INVENTION: TELOMERASE INTERFERENCE
FILE REFERENCE: A-71506-2/RFT/THR
CURRENT APPLICATION NUMBER: US/10/831,267
CURRENT FILING DATE: 2002-10-16
PRIOR APPLICATION NUMBER: US 60/345,326
PRIOR APPLICATION NUMBER: US 60/345,326
PRIOR APPLICATION NUMBER: US 60/381,195
PRIOR FILING DATE: 2002-10-20
PRIOR FILING DATE: 2002-02-00
PRIOR FILING DATE: 2002-05-20
PRIOR FILING DATE: 2002-05-21
NUMBER OF SEQ ID NOS: 23
SOFTWARE: PARENTLIN NUMBER: US 60/383,195
SEQ ID NOS: 23
SEQ ID NOS: 23
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GENERAL INFORMATION:
APPLICANT: Michael D. West
APPLICANT: Michael D. West
APPLICANT: Jerry W. Shay
APPLICANT: Woodring E. Wright
APPLICANT: Blizabeth Blackburn
ITILE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
ITILE OF INVENTION: TELCMERASE ACTIVITY
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSES: Lyon & Lyon
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 18;
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100.0%; Pred. No. 7.7e+03;
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Patent No. US20010034439A1
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junit
APPLICANT: Punk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE PORM:
MEDIUM TYPE: 35" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/463,404
FILING DATE: 05-UNN-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRICE APPLICATION: 433

APPLICATION NUMBER: 08/060,952
FILING DATE: May 13, 1993
APPLICATION NUMBER: 08/038,438
FILING DATE: May 13, 1992
APPLICATION NUMBER: 08/038,766
FILING DATE: March 24, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REERENCE/DOCKET NUMBER: 32,327
TELECOMMUNICATION INFORMATION:
                                      Sequence 5, Application US/08463404
Publication No. US20020127634A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 100.
Matches 11; Conservative
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      Length 16;
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                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/08463404

| Publication No. US20020127634A1
| GENERAL INFORMATION:
| APPLICANT: Jerry W. Shay
| APPLICANT: Moodring B. Wright
| APPLICANT: Moodring B. Wright
| APPLICANT: Moodring B. Wright
| APPLICANT: Rilzabeth Hleackburn
| TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF CONDITIONS
| TITLE OF INVENTION: TELOMERASE ACTIVITY
| NUMBER OF SEQUENCES: 57
| CORRESPONDENCE ADDRESS:
                                                                     Indels
Query Match 100.0%; Score 11; DB 19; Best Local Similarity 100.0%; Pred. No. 7.7e+03; Matches 11; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (213) 489-1600
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TELEPHONE: (215)
755-0440
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.
Best Local Similarity 100.
Matches 11; Conservative
                                                                                                                                    1 GTTAGGGTTAG 11
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 GTTAGGGTTAG 11
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US-08-463-404-4
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Mismatches
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ORGANISM: Artificial Sequence
FEATURE:
      ORGANISM: Artificial Sequence
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US-09-947-659-7
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                                                                                                                                                                                                                                                                                                                                                                  OURTRAING SYSTEM:
CURRENT APPLICATION DATA:
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 08-APR-1994
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
PRIOR APPLICATION NUMBER: US 08/330,123
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,802
FILING DATE: 37-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,802
FILING DATE: 37-OCT-1994
PRIOR SEPLICATION NUMBER: 32,944
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-000821US
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
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TOWN INFORMATION:
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TELECOMMUNICAT
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
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                                                                                                                                                                                                                           ZIP: 94111-3834
COMPUTER REALABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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US-09-057-351-26
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Matches 11; Conserv
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                                                                                                                                                                                                 COUNTRY:
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US-09-947-659-2
US-09-947-659-2
Sequence 2, Application US/09947659
; Sequence 2, Application US/09947659
; Patent No. US20020114797A1
; GENERAL INFORMATION:
    TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
    TITLE OF INVENTION: TELOMERES
; TITLE OF INVENTION: TELOMERES
; TITLE OF INVENTION WUMBER: US/09/947,659
; CURRENT FILING DATE: 1909-02-25
; PRIOR PAPLICATION NUMBER: PCT/CA97/00471
; PRIOR APPLICATION NUMBER: PCT/CA97/00471
; PRIOR APPLICATION NUMBER: PCT/CA97/00471
; PRIOR APPLICATION NUMBER: PCT/CA97/00471
; PRIOR FILING DATE: 1996-07-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
: LENGTH: 18
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Patent No. US20020114797A1
GENURAL INFORMATION:
APPLICANT: CHARATION:
TITLE OF INVENTION: TELOMERES
TITLE OF INVENTION: TELOMERES
TITLE OF INVENTION: TELOMERES
TITLE OF INVENTION: TELOMERES
CURRENT APPLICATION NUMBER: US/09/947,659
CURRENT PILING DATE: 2001-09-06
PRIOR FILING DATE: 1999-02-25
PRIOR FILING DATE: 1997-06-30
PRIOR FILING DATE: 1997-06-30
PRIOR FILING DATE: 1997-06-30
PRIOR FILING DATE: 1996-00-01
SEQ ID NOS: 10
SEQ ID NOS: 10
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FRATURE:
CTHER INFORMATION: Description of Artificial Sequence:
CTHER INFORMATION: oligonucleotide
US-09-947-659-1
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US-09-947-659-2
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100.0%; Score 11; DB 9; 1
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0;
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                                                                                                                              Query Match
Best Local Similarity 100.0%; Pred. No. 7.7e+03;
Matches 11; Conservative 0; Mismatches 0; Indels
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FRATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-09-947-659-7
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2 GTTAGGGTTAG 12
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Search completed: March 22, 2005, 19:09:41 Job time : 393.958 secs

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US-08-684-547-23
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US-09-758-7538-465
US-09-7
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Sequence 4, Appli
Sequence 20, Appl
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/cgn2_6/ptodata/1/ina/PcTUS_COMB.seq:*
/cgn2_6/ptodata/1/ina/pcTUS_COMB.seq:*
                           GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-048-927-4

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US-08-615-170-12

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US-09-142-593-11

US-09-142-593-11

US-09-237-886-17

US-08-646-789A-80

US-08-646-789A-80

US-09-237-886-17

US-09-237-86-17

US-09-237-86-18

US-09-119-646-68

US-09-119-646-68

US-09-119-646-68

US-09-119-648-18

US-09-211-77-19

US-09-223-177-19

US-08-222-177A-422

US-08-222-177A-422

US-08-222-177A-422

US-08-222-177A-422

US-08-222-177A-422

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US-08-232-177A-422

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US-08-232-177A-422

US-08-232-177A-422

US-08-232-177A-422

US-08-232-177A-422

US-08-231-748-25

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US-08-203-936-25
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Maximum Match 100%
Listing first 100 summaries
                                                                                                              nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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                                                                                                                                                                                                                                          US-09-540-843-6
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seq length: 200
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Match 1
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                                                                                                                                                                                                                                               Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Minimum DB &
Maximum DB &
                                                                                                                nucleic
                                                                                                                                                                                                                                                                                       Sequence:
                                                                                                                                                                                                                                                                                                                                                                                                 Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Database
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6
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Result Š.

Gaps

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APPLICANT: Mirzabekov, Andrei D
APPLICANT: Parinov, Sergei V
APPLICANT: Barshy, Victor E
APPLICANT: Brishy, Victor E
APPLICANT: Brishy, Sugene V
APPLICANT: TILL OF INVENTION: Use of Continuous/Contiguous
TITLE OF INVENTION: Use of Continuous/Contiguous
TITLE OF INVENTION: Acacking Hybridization as a Diagnostic Tool.
NUMBER OF SEQUENCES: 88
ADDRESSEE: CHERSKOW & FLAYNIK
STREET: 20 N. Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 5; DB 3; Length 5; 100.0%; Pred. No. 3e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: 3.50 inch, 1.4 MB storage
COMPUTER: PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: Microsoft Windows 98 SOFTWARE: Wordperfect CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/498,851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Cherskov, Michael J.
REGISTRATION NUMBER: 33,664
REFERENCE/DOCKET NUMBER: ANL-IN-95-027
TELECOMUNICATION INFORMATION:
TELEPHONE: (312) 621-1330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (312) 621-0088
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
SEQUENCE: 5 bases
TYPE: nucleic acid
STRANDEDNESS: No. 6440671 Applicable
                                  EARLIER FILING DATE: 1996-06-03
EARLIER APPLICATION NUMBER: 08/467,012
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FARISEQ for Windows Version 3.0
SEQ ID NO 4
LENGTH: 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/855,372
FILING DATE: 13-MAX-97
APPLICATION NUMBER: U.S. 08/587,332
FILING DATE: 16-7AN-96
ATTORNEY/AGENT INFORMATION:
EARLIER APPLICATION NUMBER: 08/952,697
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 20, Application US/09498851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SSEB: CHERSKOV & FLAYNIK
T: 20 N. Wacker Drive
Chicago
                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-4
                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Genomic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Chicago
STATE: Illinois
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                HYPOTHETICAL: yes
US-09-498-851-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 CATAC 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-498-851-20/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 60606
                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
APPLICANT: Mirabbekov, Andrei D
APPLICANT: Mirabbekov, Andrei D
APPLICANT: Parinov, Sergei V
APPLICANT: Barsky, Victor B
APPLICANT: Kirillov, Eugene V
APPLICANT: Nubilev, Svetlana A
ITILE OP INVENTION: Use of Continuous/Contiguous Stacking Hybridization as a Diagn
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHERSKOV & FLAYNIK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
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APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Mina
APPLICANT: Biler, Mark

TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFRENCE: B1094-6803.

CURRENT APPLICATION NUMBER: US/09/048,927

CURRENT FILING DATE: 1998-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREE::
Citago
CITY: Chicago
STATE: Illinois
COWNER: United States
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.50 inch, 1.4 MB storage
TYPE: PC
MEDIUM TYPE: READABLE FORM:
MEDIUM TYPE: PC
MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: PC
COMPUTER: PC
COMPUTER: PC
CORFAGING SYSTEM: Microsoft Windows 98
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/855,372B
FILING DATE: 13-MAY-97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.S. 08/587,332
FILING DATE: 16-JAN-96
ATTORNEY/AGENT INFORWATION:
NAMM: Cherskov, Michael J.
REGISTRATION NUMBER: 33,664
REFERENCE/DOCKET NUMBER: ANL-IN-95-027
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                         ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 5 bases
TYPE: nucleic acid
STRANDEDNESS: No. 6090549 Applicable
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.0%; Score 5; Best Local Similarity 100.0%; Pred. No. Matches 5; Conservative 0; Mismatc
                                                                                                                                                                                                                                                        Sequence 20, Application US/08855372B Patent No. 6090549
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 2
US-09-048-927-4/c
; Sequence 4, Application US/09048927
; Patent No. 6147056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE: (312) 621-1330
TELEFAX: (312) 621-0088
INFORMATION FOR SEC ID NO: 20: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
HYPOTHETICAL: yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 CATAC 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CATAC 1
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100.0%; Score 5; DB 3; Length 5; 100.0%; Pred. No. 3e+08;

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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: 1..7
OTHER INFORMATION: /standard_name= "Rat beta-Myosin
OTHER INFORMATION: Heavy Chain M-CAT binding element"
                                                                                                                                                                                                                                                                                               APPLICANT: MAR, Janet H.
APPLICANT: FARRANCE, Iain K.G.
APPLICANT: FARRANCE, Iain K.G.
APPLICANT: STEWRRT, Alexandre F.R.
APPLICANT: IARXIN, Sarah B.
APPLICANT: IARXIN, Barah B.
TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CAMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Floppy disk
CLASSIFICATION NUMBER: PCT/US95/01526
FLING DATE: O4-FEB-1995
CLASSIFICATION NUMBER: US 08/191,493
FILING DATE: 04-FEB-1994
CLASSIFICATION: 435
PRIOR APPLICATION: 435
PRIOR APPLICATION: 435
CLASSIFICATION: 435
ATTORNEY/AGENT IMPORMATION:
NAMR: Healt: IMPORMATION:
NAMR: Healt: James M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        B: Townsend and Townsend Khourie and Crew
Steuart Street Tower, One Market Plaza
                                                                                                                                                                             Sequence 12, Application US/08615170 Patent No. 5776776
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Heslin, James M.
REGISTRATION NUMBER: 29,541
REFRENCE/DOCKET NUMBER: 2307
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEPHONE: (415) 326-2422
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                              ORDAHL, Charles P.
                                                                                                                                                                                                                                                                                         AZAKIB, Anthony
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: Californi
COUNTRY: US
ZIP: 94105-1493
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear MOLECULE TYPE: DNP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-08-615-170-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: MAR, Janet H.
APPLICANT: FARRANCE, Iain K.G.
APPLICANT: FARRANCE, Iain K.G.
APPLICANT: HALL, Deborand B.
APPLICANT: LARKIN, Sarah B.
TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSED: ADDRESS:
ADDRESSED: Steuart Street Townsend Khourie and Crew STREET: Steuart Street Tower, One Market Plaza CITY: San Prancisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 5; DB 1; Length 7; Best Local Similarity 100.0%; Pred. No. 2.1e+08; Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /standard_name= "Sph-II binding site in SV40"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 94105-1493

ZIP: 94105-1493

COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/615,170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:

CLASSIPLOATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/01526

FILING DATE: 06-PEB-1995

CLASSIPLCATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/191,493

FILING DATE: 04-PEB-1994

CLASSIFTCATION NUMBER: 29,541

REGISTRATION NUMBER: 29,541

REGISTRATION NUMBER: 29,541

REGISTRATION NUMBER: 29,541

REGISTRATION NUMBER: 29,540

TELECOMMINICATION INFORMATION:
TELECOMMINICATION INFORMATION:
TELECOMMINICATION INFORMATION:
TELEPAX: (415) 326-2402

INFORMATION POR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 70 base pairs
                                                                                                                                                                                                                                                                                       US-08-615-170-10
; Sequence 10, Application US/08615170
; Patent No. 5776776
                                                                                                                                                                                                                                                                                                                                                                                           ORDAHL, Charles P. AZAKIE, Anthony
Query Match
Best Local Similarity 100.00
Best Local Similarity 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CTHER INFORMATION: 1..7
CTHER INFORMATION: CTHER INFORMATION: US-08-615-170-10
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: linear
                                                                                                                                  1 CATAC 5
                                                                                                                                                                                     5 CATAC 1
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RESULT 6

1 CATAC 5

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Query Match
100.0%; Score 5; DB 4; Lv
Best Local Similarity 100.0%; Pred. No. 1.9e+08;
Matches 5; Conservative 0; Mismatches 0;
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     REFERENCE/DOCKET NUMBER: 110.00450101
TELECOMOUNICATION INFORMATION:
TELEPHONE: 612-305-1226
TELEPHONE: 612-305-1226
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 base pairs
TYPER : 1010-101
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1, Application US/08583276;
Patent No. 5837536
GENERAL INFORMATION;
APPLICANT: McDonagh, Kevin T.
APPLICANT: Tolstoshev, Paul
                                                                                                                                                                                                                                                        MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Seguence
                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                   TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                            1 CATAC 5
                                                                                                                                                                                                     STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-583-276-1/c
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                                                                                                                                                                                                                                                                              US-09-142-593-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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APPLICANT: HACKETT ET AL.
TILLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
NUMBER OF SEQUENCES: 63
CORRESPONDENCE ADDRESS:
ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ö
Sequence 3. Application US/09048927

Sequence 3. Application US/09048927

RENEMAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Year, Mina
APPLICANT: Bler, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: B194-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT FILING DATE: 1996-03-26
EARLIER FILING DATE: 1996-06-03
EARLIER FILING DATE: 1996-06-03
EARLIER FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: RestSEQ for Windows Version 3.0
SEQ ID NO 3
LENTH: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTK:: 55402
ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/142,593
"TITING DATE: 10-SEP-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 100.0%; Score 5; DB 3; Le
Best Local Similarity 100.0%; Pred. No. 2.1e+08;
Matches 5; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A. STREET: 119 NORTH FOURTH STREET, SUITE 203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRICKATION DATA:
PRICKATION NUMBER: 60/040,664
FILIND BATE: 11-MAR-1997
PRICK APPLICATION DATA:
APPLICATION NUMBER: 60/053,868
FILIND BATE: 28-JUL-1997
PRICK APPLICATION DATA:
APPLICATION NUMBER: 60/065,303
FILIND BATE: 13-NOV-1997
PRICK APPLICATION DATA:
APPLICATION NUMBER: PCT/US98/04687
FILIND BATE: 11-MAR-1998
APPLICATION NUMBER: PCT/US98/04687
FILIND BATE: 11-MAR-1998
ATTORNEY/AGENT INFORMATION:
NAME: SANDBERG; VICTORIA A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 11, Application US/09142593
Patent No. 6489458
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: DNA Fragment US-09-048-927-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: MINNEAPOLIS
STATE: MINNESOTA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 CATAC 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED
TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED
TITLE OF INVENTION: SELECTION OF CELLS TRANSDUCED WITH SUCH GENES
CORRESPONDENCE ADDRESS:
ADDRESSEE: Carella, Sytne, Bain, Gilfillan,
ADDRESSEE: Cecchi & Stewart
                                                                                                                                                                                                                                                                                                                          Sequence 17, Application US/09927886

Patent No. 661372

GENERAL INCOMATION.

APPLICANT: Kay, Mark A.

APPLICANT: Yant, Stephen

TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a TITLE OF INVENTION: Sleeping Beauty Transposon System; FILE REFERENCE: 57AN-160CIP

CURRENT PAPLICATION NUMBER: US/09/927,886

CURRENT FILING DATE: 1999-10-28

PRIOR FILING DATE: 1999-110-28

PRIOR FILING DATE: 1999-11-17

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
100.0%; Score 5; DB 4; Length 8; 100.0%; Pred. No. 1.9e+08;
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Gaps
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                                                                                                                                      100.0%; Score 5; DB 3; Length 9; 100.0%; Pred. No. 1.7e+08;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: New YOLK
COUNTRY: New YOLK
COUNTRY: U.S.A.

INENDIA FRABABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: NEW FC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURSTENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: MAY 21, 1996
CLASSIFICATION: 8. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET UNBER: 6523-006
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
                                                                                                                                                                                                                                                                                                                                                          US-08-646-789A-80/c

| Sequence 80, Application US/08646789A
| Patent No. 6022863
| Patent No. 6022863
| TIVE OF INVERNATION: APPLICANT: Peyman, John A. TITLE OF INVENTION: REGULATION OF GENE EXPRESSION NUMBER OF SEQUENCES: 101
| CORRESPONDENCE ADDRESS: ADDRESSE: ADDRESSE: REMONDS
| STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                     Mismatches
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Patent No. 6147056
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Raler, Mark
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (212) 869-974
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                           Best Local Similarity 100.
Matches 5; Conservative
  TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
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US-08-646-789A-80
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 12
US-09-048-927-1/c
                                                                        ; MOLECULE TYI
US-08-646-789A-8
                                                                                                                                         Query Match
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Sequence 8, Application US/08646789A

Fatent No. 6022863

GENERAL INFORMATION:

APPLICANT: Peyman, John A.

ITILE OF INVENTION: REGULATION OF GENE EXPRESSION

NUMBER OF SEQUENCES: 101

CORRESPONDENCE ADDRESS:

ADDRESSEE: PENNIE & EDMONDS

STREET: 1155 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: New YORK

COUNTRY: U.S.A.

ZIP: 10036-2711

COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
OFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIPICATION: 800
ATTONRY/AGENT INFORMATION:
NAME: Mistock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERRNCE/DOCKET NUMBER: 16,23-006
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEFRX: (212) 780-9090
TELEREX: 66141 PENNIE
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                    OPERATING SYSTEM,
SOFTWARE: DW4.V2
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/583,276
TILING DATE: 05-JAN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/332,444
FILING DATE: 31-OCT-1994
PILING DATE: 31-OCT-1994
FILING DATE: 2-MAY-1992
INPORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 bases
LENGTH: 9 bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 5; Best Local Similarity 100.0%; Pred. No. Matches 5; Conservative 0; Mismatc
                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch diskette
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
STREET: 6 Becker Farm Road CITY: Roseland STATE: New Jersey COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
DESCRIPTION: Genomic DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 9 base pairs
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Length 9;

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Query Match
Best Local Similarity 100.v
                                            Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 CATAC 5
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US-09-263-790-37/c
                                                                                                                                                                                                              RESULT 14
US-10-096-596-32
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                               Query Match
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Sequence 68. Application US/09319648
Patent No. 6451530
GENERAL INFORMATION:
APPLICANT: Hawkins, Mary
TITLE OF INVENTION: Fluorescent Nucleotide Analog Hairpin
TITLE OF SEQUENCES: 68
NUMBER OF SEQUENCES: 68
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MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMBUTER: IEM PC compatible
COMPUTER: IEM PC compatible
CORPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/319,648
FILING DATE: 30-Jul-1999
CLASSIFICATION NUMBER: US 60/032,844
FILING DATE: 13-DEC-1996
APPLICATION NUMBER: WO PCT/US97/22448
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
TITLE OF INVENTION: Use of Locally Applied DNA Fragments; FILE REFERENCE: BU94-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT FILING DATE: 1998-03-26
EARLIER PILING DATE: 1996-06-03
EARLIER FILING DATE: 1996-06-03
EARLIER FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: PSEQ ID NOS: 4
SEQ ID NO :
SEQ ID NO :
LENGTH: 9
                                                                                                                                                                                                                                                                                                                                                                             Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESONDENCE ADDRESS:
CORRESONDENCE ADDRESS:
ADDRESSE: Townsend and Townsend and Crew Lilp
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Fang, Carol
REGISTRATION NUMBER: 48,631
REFRENCE/DOCKET NUMBER: 015280-288100US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 5; DB 3; Le
100.0%; Pred. No. 1.7e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; SEQUENCE DESCRIPTION: SEQ ID NO: 68: US-09-319-648-68
                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: DNA Fragment US-09-048-927-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 CATAC 5
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OTHER INFORMATION: OPT 19 Primer - Used to develop the unique RAPD profiles of the CALBR INFORMATION: plant Jal Pallavi US-09-263-790-37
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GENERAL INFORMATION:

APPLICANT: Nirmal Kumar PATRA et al.

TITLE OF INVENTION: JAL PALLAVI, WATER LOGGING TOLERANT CYMBOPOGON WINTERIANUS FILLS REPERENCE: 2761-0120P
CURRENT APPLICATION NUMBER: US/09/263,790
CURRENT FILING DATE: 1999-03-05
NUMBER OF SEQ ID NOS: 38
SSOFTWARE: Patentin version 3.0
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                               Gaps.
                                                                                                                                                                                                                                                                  US-10-096-396-36-36.

US-10-096-396-396-36.

Sequence 32, Application US/10096596

Patent No. 6746845

GENERAL INFORMATION:

APPLICANT: Kenneth W

APPLICANT: Vogelatein, Bert

APPLICANT: Volculescu, Victor

APPLICANT: Volculescu, Victor

APPLICANT: Volculescu, Victor

TITLE OF INVENTION: UNMERR: US/10/096,596

CURRENT APPLICATION NUMBER: US/10/096,596

CURRENT APPLICATION NUMBER: US 08/527,154

PRIOR FILING DATE: 1995-09-12

PRIOR FILING DATE: 1995-09-12

PRIOR FILING DATE: 1995-09-12

PRIOR FILING DATE: 1998-06-30

**PRIOR FILING DATE: 1998-06-30

**NUMBER OF SEQ ID NOS: 41

**SEQ ID NO 32

**LUMBER OF SEQ ID NOS: 41

**SEQ ID NO 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ;
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Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches 0; Indels
                                             Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 5; DB 4; Length 9; 100.0%; Pred. No. 1.7e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
100.0%; Score 5; DB 3; Lv 100.0%; Pred. No. 1.7e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 37, Application US/09263790
Patent No. PP12997
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APPLICANT: Heller, Michael J
TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE- AND FLUROPHORE-CONTAINING
TITLE OF INVENTION: POLYNUCLEOTIDES AND METHODS OF THEIR USE
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
STREET: 12526 High Bluff Drive, Suite 300
CITY: San Diego
CITY: San Diego
STATE: California
                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: /note= "Donor chromophore at the 3' OTHER INFORMATION: I nucleotide"
                                                                                                                                                                                                                                         100.0%; Score 5; DB 1; Length 10; 100.0%; Pred. No. 3e+05; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 92130

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 5;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIPICATION: 435
FRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/790,262
FILING DATE: 07-N0V-1991
ATTOMETY AGENT INFORMATION:
NAME: Fitting, Thomas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HEL0002P
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICATION NUMBER: US/08/250,951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1, Application US/08250951
Patent No. 5532129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Fitting, Thomas
REGISTRATION NUMBER: 34,163
REPRENCE/DOCKET NUMBER: HELO
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619-792-3680
TELEPAX: 619-792-8477
                                                                                                         TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

US-08-335-565A-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO ANTI-SENSE: NO FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
    608-251-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      misc_feature
                TELEFAX: 608-251-9166
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                       5; Conservative
                                                                                         LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                              Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                  1 CATAC 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LOCATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-250-951-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-250-951-1
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Sequence 27, Application US/08335565A

Sequence 27, Application US/08335565A

Patent No. 5527671

GRNERAL INFORMATION:
APPLICANT: Li, Kening
APPLICANT: Rouse, Douglas I.
TITLE OF INVENTION: ASSAY FOR VERTICILLIUM DAHLIAE
NUMBER OF SEQUENCES: 33
CORRESPENDENCE ADDRESS:
ADDRESSE: Quarles and Brady
STREET: South Pinckney St., PO BOX 2113
CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/335,565A
                                                                                                                                                                                                                                                                     APPLICANT: Nagvi, Ali Arif
APPLICANT: Nagvi, Ali Arif
APPLICANT: Dawan, Om Parkash
APPLICANT: Singh, Anil Kumar
APPLICANT: Partra, Nirmal Kumar
APPLICANT: Bankl, Janak Raj
APPLICANT: Bansal, Ram Prakash
TITLS OF INVENTION: Mint Plant Named Saksham
FILE REFERENCE: 033166-002
CURRENT APPLICATION WUMBER: US/09/721,777
CURRENT FILING DATE: 2000-11-27
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 19
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  960296.93065
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                                                                                                                                                                                                              Abunar,
Shaman, Ajit Kumar
Dhawan, Sunita
Darokar, Mahendra Pandurang
                                                                                                                                                                         APPLICANT: Khanuja, Suman Preet Singh
APPLICANT: Kumar, Sushil
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC Compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                       Sequence 19, Application US/09721777
Patent No. PP13279
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Seay, Nicholas J
REGISTRATION NUMBER: 27,386
REFERENCE/DOCKET NUMBER: 9602:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
; OTHER INFORMATION: OPT primer
US-09-721-777-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: USA
ZIP: 53701-2113
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5; Conservative
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Best Local Similarity
Matches 5: Conserv
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CATAC 5
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APPLICANT:
APPLICANT:
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1 CATAC 5
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                                                                                                                                                                                                                                                                                                                  FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-08-222-177A-422
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STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX:
TELEX:
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Sequence 1, Application US/08232233

Sequence 1, Application US/08232233

Patent No. 555532

Patent No. 555525

PATENT NO FUNDATION:

TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
TITLE OF INVENTION: CONTAINING POLYNUCLEOTIDES AND FLUOROPHORE-
TITLE OF INVENTION: CONTAINING POLYNUCLEOTIDES AND METHODS OF THEIR USE
NUMBER OF SEQUENCES: 11

CORRESPONDENCE ADDESS:

ADDRESSE: Lyon & Lyon
STREET: 611 West Sixth Street

COTTY: Los Angeles

STATE: COLTY: Los Angeles

STATE: CUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; LOCATION: 10
; OTHER INFORMATION: /note-"Donor chromphore at the 3' T nucleotide'
US-08-232-233-1
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pred. No. 3e+05;
; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:

KEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: BM Compatible
OPERATING SYSTEM: IBM P.C. DOS (Version 5.0)
SOFTWARE: WordPerfect (Version 5.1)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,233
FILING DATE: May 4, 1994
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 422, Application US/08222177A; Patent No. 5582979
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HYPOTHETICAL: NO
 100.08;
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LOCATION: 10
 Best Local Similarity 100.
Matches 5; Conservative
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EDNESS: single
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                                                   CATAC 5
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ANTI-SENSE: NO
                                                                                     4 CATAC 8
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US-08-222-177A-422
                                                                                                                                      RESULT 19
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GENERAL INFORMATION:
APPLICANT: Weber, James L.
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dc-da)n.(dd-dI)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSE: DeWitt Ross & Stevens, S.C.
STREET: 8000 Excelsion Drive, Suite 401
CITY: Madison
STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
                                                                                                                                                                                                                           COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYSE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASEIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUBBER:
FILING DATE: 21-APR-1989
ATTORNEY AGENT INPORMATION:
NAME: Sara, Charles S.
REGISTATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELEPHONE: (608) 831-2100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Liang, Peng
APPLICANT: Bardee, Arthur B.
APPLICANT: Bianchi, Cesario F.
TITLE OF INVENTION: IDENTIFYING, ISOLA
TITLE OF INVENTION: MESSENGER RNAS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHOATE, HALL & STEWART
STREET: 53 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 23, Application US/08351748
Patent No. 5599672
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (608) 831-2106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 100.
Matches 5; Conservative
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/mod_base= OTHER
/note= "Nucleotide 10 has a tail which comprises
foote= "Nucleotide 10 has a tail which comprises
to cholesterol moiety which has its A ring linked to
the 3'-phosphate through a carbonyl group attached
to the ring nitrogen of a moiety derived from
to the ring nitrogen of a footed from
formula 3)."
                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Cheng, Yung-chi
APPLICANT: Moyer Jr., Rich B.
APPLICANT: Moyer Jr., Rich B.
APPLICANT: Moyer Jr., Rich B.
APPLICANT: Pai, Balakrishna S.
APPLICANT: Reed, Michael W.
APPLICANT: Reed, Michael W.
APPLICANT: Zhou, James H.
TITLE OF INVENTION: Modified Oligonucleotide Duplexes Having
TITLE OF INVENTION: Anticancer Activity
NUMBER OF SEQUENCES: 70
CORRESPONDENCE ADDRESS:
ADDRESSEE: AL199 Campus Drive, Suite 700
CITY: Irvine
                                                                                                                                                                                                              ö
                                                                                                                                                               100.0%; Score 5; DB 1; Length 10; 100.0%; Pred. No. 3e+05;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION NDATA:
APPLICATION NUMBER: US/08/202,927
FILING DATE: 28-FEB-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 5; DB 1;
Pred. No. 3e+05;
                                                                                                                                                                                                            Mismatches
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NAME: Szekeres, Gabor L.
REGISTATION NUMBER: 28,675
REFERENCE/DOCKET NUMBER: 491-07-PA
TELECOMMUNICATION INFORMATION:
TELEFRONE: (714) 854-5502
TELEFRAX: (714) 854-5502
TELEFRAX: (714) 854-6897
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 25, Application US/08202927
Patent No. 5646126
GENERAL INFORMATION:
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                                                                                                                                                                                                              5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM: MEDIUM TYPE: Floppy
    TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
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                                                                                                                                                             Query Match
Best Local Similarity
Matches 5; Conserv
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Best Local Similarity
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                         STRANDEDNESS:

TOPOLICGY: line
TYPOTHETICAL: NO
HYPOTHETICAL: NO
US-08-351-748-25
                                                                                                                                                                                                                                                    1 CATAC 5
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100.0%; Score 5; DB 1; Length 10;

Best Local Similarity 100.0%; Pred. No. 3e+05;

Matches 5; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Boston
STATE: MA
COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/351,748
                                                             CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/033,084
FILLING DATE: 11-MAR-1993
ATTORNEY AGENT INFORMATION:
NAME: Kaplan BSQ., Warren A.
REGISTRATION NUMBER: 34,199
FREFERENGE/DOCKET NUMBER: 181411-008
TELECOMMUNICATION INFORMATION:
TELEPHONE: (6.7) 248-5000
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Kaplan Bsq., Warren A.
REGISTRATION NUMBER: 34,199
REFERNCE/DOCKET NUMBER: 181411-008
TELECOMMINICATION INFORMATION:
TELEPHONE: (617) 248-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 25, Application US/08351748
Patent No. 5599672
GENERAL INFORMATION:
APPLICANT: Liang, Peng
APPLICANT: Pardee, Arthur B.
TITLE OF INVENTION: DESENGER RNAS
TITLE OF INVENTION: MESSENGER RNAS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHOATE, HALL & STEWART
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/351,748
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIPICATION: 435
REIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/033,084
FILING DATE: 11-WAR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: CHOATE, HALL & STEWART
STREET: 53 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPAX: (617) 248-4000
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                     TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 CATAC 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL: N
                                              FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-351-748-25/c
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Gaps
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          CUMPTRY: USA

ZIP: 02109-2891

COMPUTER READBLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OFFWARE: Patentin Release #1.0, Version #1.30
SOFFWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBRE: US/08/430,536A
FILING DATE: 25-APR-1995
CLASSIFICATION: 435
ATTORNEY/AGBNT INFORMATION:
NAME: Herschbach Ph.D., Brenda M.
REGISTRATION NUMBRE: 39,23
REPRENCE/DOCKET NUMBRE: 181411-012
TELECOMMUNICATION INFORMATION:
TELEBRAX: (617) 248-5000
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHRARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Eloppy disk
COMPUTER: Eloppy disk
COMPUTER: El POPPY disk
COMPUTER: THE PC COMPACTION
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PACENTIN Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/171,718
FILING DATE: 22-DEC-1993
CLASSIFICATION: 436
PRICATION NUMBER: US 08/108,808
FILING DATE: 19-AUG-1993
PRICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRICATION NUMBER: US 08/022,034
FILING DATE: 25-FEB-1993
PRICATION NUMBER: US 08/026,063
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 CATAC 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-08-171-718-45/c
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Gaps
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                                                                                                                                                                                                          Sequence 23, Application US/08430536A
Sequence 23, Application US/08430536A
GENERAL INFORMATION:
APPLICANT: Liang, Peng
APPLICANT: Liang, Arthur B.
TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
TITLE OF INVENTION: MESSENGER RNAS
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHOATE, HALL & STEWART
STREET: 53 State Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 25, Application US/08430536A
Patent No. 5665547
GENERAL INFORMATION:
APPLICANT: Liang, Peng
APPLICANT: Pardee, Arthur B.
TITLE OF INVENTION: IDENTIFYING, ISOLATING, AND CLONING
Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: USA

ZIP: 0210-2891
COMPUTER READABLE FORM:
MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/430,536A
FILING DATE: 25-APR-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Herschach Ph.D., Brenda M.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 181411-012
TELEPHONE: (617) 248-5000
TELEFAX: (617) 248-5000
  ;
0
Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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CORRESSONDERGE ADDRESS:
ADDRESSEE: CHOATE, HALL & STEWART
STREET: 53 State Street
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Best Local Similarity 100.
Matches 5; Conservative
5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               HYPOTHETICAL: NO ANTI-SENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 CATAC 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5 CATAC 1
                                                1 CATAC 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-430-536A-25/c
                                                                                                                                                                      RESULT 24
US-08-430-536A-23/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , ANTI-SENSE:
US-08-430-536A-23
  Matches
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us-09-540-843-6.rni

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Gaps
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US-08-684-547-23/C
US-08-684-547-23/C
Sequence 23, Application US/08684547
Fatent No. 2595540
GENERAL INFORMATION:
APPLICANT: Pardee Ph.D., Arthur B.
APPLICANT: Liang Ph.D., Peng
TITLE OF INVENTION: SYSTEM FOR COMPARING LEVELS OR AMOUNTS
TITLE OP INVENTION: OF MENDA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 5; DB 2; Length 10; 100.0%; Pred. No. 3e+05; cive 0; Mismatches 0; Indels
                                                                                                                                                Length 10;
                                          STATE: MA
COUNTRY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/684,547
FILING DATE: 19-JUL-1995
CLASSIFICATION: 435
                                                                                                                                              100.0%; Score 5; DB 2; 100.0%; Pred. No. 3e+05;
                                                                                                                                                                                      Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Jarrell Ph.D., Brenda H.
REGISTRATION NUMBER: 39,223
REFERENCE/DOCKET NUMBER: 0181411-0013
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSER: CHOATE, HALL & STEWART
STREET: 53 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 25, Application US/08684547
Patent No. 5965409
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPAK: (617) 248-5000
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                        ö
                                                                                                                           Query Match
Best Local Similarity 100.
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Best Local Similarity 100.0
                       misc_feature
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                                                                                                                                                                                                                                                                       4 CATAC 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; HYPOTHETICAL: N; ANTI-SENSE: NO US-08-684-547-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 29
US-08-684-547-25/c
                     NAMB/KEY:
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                                                                                                                                                                                                                                                                                                                                   Length 10;
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STRUCTURES BASED ON CHROMOPHORE-
AND PLUOROPHORE-CONTAINING
POLYNUCLEOTIDES AND METHODS OF
THEIR USE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
COMPUTER: 1BM Compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/703,601
FILING DATE: August 23, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/23,233
FILING DATE: May 5, 1994
ATTONNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                Query Match
100.0%; Score 5; DB 1;
Best Local Similarity 100.0%; Pred. No. 3e+05;
Matches 5; Conservative 0; Mismatches
                                  REGISTRATION NUMBER: 36,463
REFRENCE/DOCKET NUMBER: 0609.3850003
TELECOMMUNICATION INFORMATION:
TELEPAK: (202) 371-2600
TELEPAK: (202) 371-2540
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         B: Lyon & Lyon
633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Kappos, John
REGISTRATION NUMBER: 37,861
REFERENCE/DOCKET NUMBER: 221/(TELECOMMUNICATION INPORMATION:
TELEPHONE: (213) 955-0440
TELEX: 67-3310
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 1, Application US/08703601
Patent No. 5849489
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Michael J. Heller
TITLE OP INVENTION: SELF-ORGANI
TITLE OF INVENTION: STRUCTURES
TITLE OF INVENTION: AND FLUOROF
TITLE OF INVENTION: POLYNUCLEO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
04-MAR-1993
INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQUENCES: 1
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                                   ; TOPOLOGY: linear
US-08-171-718-45
                                                                                                                                                                                                                                                                                                                                                                                                                 1 CATAC 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
FILING DATE:
ATTORNEY/AGENT
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MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "synthetic DNA"
US-08-469-318-174
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REFERENCE/DOCKET NUMBER: C. TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                             Caparon, Maire H.
Easton, Alan M.
                                                                                                                                                                                                                                                                                                                                                                                                                                               Klein, Barbara K.
McKearn, John P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (314) 737-6986
                                                                                                                                                                                                                                                                                                                                                       Mark A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Olins, Peter O. Paik, Kumnan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Thomas, John W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEFAX: (314)737-6972
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.
Matches 5; Conservative
                                                                                            Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Chicago
STATE: Illinois
COUNTRY: USA
 TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             linear
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STREET: F.
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US-08-468-609A-174/c
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US-08-468-609A-174
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60680
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APPLICANT:
TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis Fusion
TITLE OF INVENTION: Protein
NUMBER OF SEQUENCES: 196
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
Pardee Ph.D., Arthur B.
Liang Ph.D., Peng
VERNICOM: SYSTEM FOR COMPARING LEVELS OR AMOUNTS
VERNICON: OF MRNAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; DB 2; Le._
'^. 3e+05;
0; Indels
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                                                                                                                                                                               COUNTEY: USA
ZIP: 02109-2891
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN RElease #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/684,547
FILING DATE: 19-JUL-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Jarrell Ph.D., Brenda H.
REGISTRATION NUMBER: 0181411-0013
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                           ADDRESSEE: CHOATE, HALL & STEWART
STREET: 53 State Street
CITY: Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 30
US-08-469-318-174/c
Sequence 174, Application US/08469318
Patent No. 6022535
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/446,872
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0
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INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (617) 248-5000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (617) 248-4000
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.
Marches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 nucleic acid
EDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             single
                                                                       NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: CHOATE, H.
                                    TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 CATAC 5
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE:
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TITLE OF INVENTION: Fusion Proteins Comprising Multiply Mutated Inteleukin-3 (IL-
NUMBER OF SEQUENCES: 197
CORRESPONDENCE ADDRESS:
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                                                Gaps
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0
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100.0%; Score 5; DB 3; Length 10; 100.0%; Pred. No. 3e+05; cive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               B: Dennis A. Bennett, G.D. Searle & Co.,B: Corporate Patent Dept.P. O. Box 5110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/468,609A
FILING DATE: 06-JUN-1995
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                                                                                                                                                                                                                                                                                                                                                        Bauer, S. C.
Braford-Goldberg, Sarah R.
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PRIOR APPLICATION BATA:
APPLICATION NUMBER: US 08/192,325
FILING DATE: 14-FEB-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                     Sequence 174, Application US/08468609A
Patent No. 6030812
GENERAL INFORMATION:
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Query Match
Best Local Similarity 100.
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Best Local Similarity 100.
Matches 5; Conservative
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STREET: 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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    Sequence 24, Application US/09063450
    Patent No. 6109776
    Patent INFORMATION:
        APPLICANT: Gene Logic, Inc.
    TITLE OF INVENTION: Method and System for Computationally Identifying

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                                                                          Sequence 45, Application US/08478087
Patent No. 6077685
GENERAL INFORMATION:
APPLICANT: Trofatter, James A.
APPLICANT: MacCollin, Mia M.
APPLICANT: Gusella, James F.
TITLE OF INVENTION: Tumor Supressor Gene Merlin and Uses
TITLE OF EQUENCES: 120
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 10;
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                                                                                                                                                                                                                                                           100.0%; Score 5; DB 3; Lei
100.0%; Pred. No. 36+05;
W.smatches 0;
                                                                                                                                                                                                            ADDRESSEE: Sterne, Kessler, Goldstein & Fox
STREET: 1100 New York Avenue, N.W., Suite 600
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0609.3850003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INPORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
IENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Brown, Anne
REGISTRATION NUMBER: 36,463
REFERENCE/DOCKET NUMBER: 06
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TOPOLOGY: linear
US-08-478-087-45
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Best Local Similarity
Matches 5; Conserv
CATAC 6
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                                                   RESULT 32
US-08-478-087-45/c
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Gaps
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Patent No. 6109776
REMERAL INFORMATION:
APPLICANT: Gene Logic, Inc.
TITLE OF INVENTION: Method and System for Computationally Identifying
TITLE OF INVENTION: Clusters Within a Set of Sequences
FILE REPRENCE 7700.1002
CURRENT APPLICATION NUMBER: US/09/063,450
CURRENT FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 38
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 33
LENGTH: 10
                                                                                                                                                                                                                                                                                                     CTHER INFORMATION: Description of Artificial Sequence: example CTHER INFORMATION: sequence illustrating a computational methodology US-09-063-450-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Description of Artificial Sequence:example; OTHER INFORMATION: sequence illustrating a computational methodology US-09-063-450-33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ;
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100.0%; Pred. No. 3e+05;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                  Length 10;
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APPLICANT: Michael J. Heller
TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
TITLE OF INVENTION: STRUCTURES BASED ON CHROMOPHORE-
TITLE OF INVENTION: AND FLUOROPHORE-CONTAINING
TITLE OF INVENTION: POLYMUCLEOTIDES AND METHODS OF
TITLE OF INVENTION: THEIR USE
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:
TITLE OF INVENTION: Clusters Within a Set of Sequences FILE REFERENCE: 77001.002
CURRENT APPLICATION NUMBER: US/09/063,450
CURRENT FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 38
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 24
LENGTH: 10
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100.0%; Pred. No. 3e+05;
tive 0; Mismatches 0
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; Patent No. 6162603
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633 West Fifth Street
                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQUENCES: 73
COMPUTER READABLE FORM: 73
COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/875,533
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 5; DB 3; 100.0%; Pred. No. 3e+05; tive 0; Mismatches 0
               REFERENCE/DOCKET NUMBER: 6523-008
TELECOMMUNICATION INFORMATION:
TELEFHONE: (212) 790-9090
TELEFRAX: (212) 869-9741/8864
TELEFRAX: (212) 869-9741/8864
TELEFRAX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
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PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION MUMBER: US 08/383,035
FILING DATE: 04-FEB-1995
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-08-446-872A-174/C
; Sequence 174, Application US/08446872A
; Patent No. 6361977
; GENERAL INFORMATION:
; APPLICANT: Abrams, Mark A.
; APPLICANT: Bauer, S. C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 31, Application US/08875533
Patent No. 6254870
GENERAL INFORMATION:
APPLICANT:
  REGISTRATION NUMBER: 18,872
                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                      unknown
                                                                                                                                                                                                                                    TOPOLOGY: unknown MOLECULE TYPE: RNA
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Matches 5; Conserv
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; LOCATION: 10
US-08-646-695-30
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; APPLICANT: ROSS, John K.; TITLE OF INVENTION: USES
; WUMBER OF SEQUENCES: 44
; CORESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; CONNTRY: USA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: /note-"Donor chromphore at the 3' T OTHER INFORMATION: nucleotide"
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ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage COMPUTER: 18M Compatible

COMPUTER: 18M Compatible

OPERATING SYSTEM: 1BM P.C. DOS (Version 5.0)

SOFTWARE: Wordberfect (Version 5.1)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/123,638

FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/703,601

FILING DATE:
ATTORNEY/AGENT INFORMATION:

NAME: KARDOS, JOAN

REGISTRATION NUMBER: 37,861

FELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
TELECOMUNICATION SEQ 1000
TELEPRAX: (213) 955-0440

INFORMATION FOR SEQ 1D NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 Dass pairs
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MEDIUM TYPE: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: Ploppy disk
COMPUTER: Patentin Release #1.0, Version #1.30
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,695
FILING DATE: On Even Date Herewith
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100.0%; Pred. No. 3e+05;
cive 0; Mismatches 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               linear
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Matches 5; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-646-695-30/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY:
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Gaps
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CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESSE:
Corporate Patent Dept.
STREET: P. O. Box 5110
CITY: Chicago
STATE: 111inois
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 5; DB 3; Length 10;
100.0%; Pred. No. 3e+05;
tive 0; Mismatches 0; Indels
                                                                                                                                 COMPUTER: 135 COMPUTER: 5.3 COMPUTER: 188 CO
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                                       ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 174, Application US/08762227A
Patent No. 6436387
GENERAL INFORMATION:
APPLICANT: Abrams, Mark A.
Bauer, S. C.
Braford-Goldberg, Sarah R.
Caparon, Maire H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-09-724-753-1
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Klein, Barbara K.
McKearn, John P.
Olins, Peter O.
Paik, Kumman
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MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity 100.
Matches 5; Conservative
           COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
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Sequence 10. 6416953
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Michael J. Heller
TITLE OF INVENTION: SELF-ORGANIZING MOLECULAR PHOTONIC
STRUCTURES BASED ON CHROMOPHORE-
AND FLUCKOPHORE-CONTALNING
POLYNUCLEOTIDES AND METHODS OF
                                       APPLICANT: Rast.c...
APPLICANT: Rest.c...
APPLICANT: McKearn, John P.
APPLICANT: Olins, Peter O.
APPLICANT: Thomas, John W.
TITLE OF INVENTION: Multivariant IL-3 Hematopoiesis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 5; DB 3; Length 10; 100.0%; Pred. No. 3e+05; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
OPERATURG SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/446,872A
PILING DATE: 06-JUN-1995
CLASSIFICATION: DATA:
APPLICATION NUMBER: US 08/192,325
PILING DATE: 14-FEB-1994
ATORNEY/AGENT INFORMATION:
NAME: Bennet, Dennis A.
REGISTRATION NUMBER: 34,547
REFRENCE/OPCKET NUMBER: C-2790/1
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
Braford-Goldberg, Sarah R.
Caparon, Maire H.
Baston, Alan M.
Klein, Barbara K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 174: SEQUENCE CHARACTERISTICS: LENGTH: 10 base pairs TYPE: mucleic acid STRANDEDNESS: single TOPOLOGY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 11
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Best Local Similarity 100.

Matches 5; Conservative
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ZIP: 60680

COMPUTER READABLE FORM:

MEDIUW TYPE: Floppy disk
COMPUTER: IBM PC compatible
OOPERATING SYSTEM: PC-DOS/MS-DOS
SOFFWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION NUMBER: US/08/762,227A
PILING DATE: 09-Dec-1996
CLASSIFICATION NUMBER: US 08/192,325
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: US 08/446,872
FILING DATE: 06-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Bennett, Dennis A.
REGISTRATION NUMBER: 34,547
REFERENCE/DOCKET NUMBER: 34,547
REFIREMATION INFORMATION:
TELEPHONE: (708/470-6581
INFORMATION FOR SEQ ID NO: 174:
SEQUENCE CHARACTERISTICS:
IENGTH: 10 base pairs
TYPE: nucleic acid
STRANDENESS: single
TOPOLOGY: linear
MOLECULE TYPE: ocher nucleic acid
DESCRIPTION: Geec = "SYNTCHELIC DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 174:
US-08-762-227A-174

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Search completed: March 22, 2005, 10:49:14 Job time : 43.3333 secs

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Gaps ; 0

Query Match 100.0%; Score 5; DB 3; Length 10; Best Local Similarity 100.0%; Pred. No. 3e+05; Matches 5; Conservative 0; Mismatches 0; Indels

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0 7 17 US-10-027-632 0 8 9 US-09-142-593- 0 8 9 US-09-927-886- 0 8 9 US-09-861-014-	0 8 15 US-10-263-159 0 8 15 US-10-128-560	0 8 17 US 0 8 17 US 0 8 17 US 0 8 17 US	8 18 US-10-742-740-3 8 18 US-10-861-108-9 9 10 US-09-990-186-623 9 10 US-09-990-186-623	0 9 10 US-09-990-186-225 0 9 10 US-09-989-994-623	00.0 9 10 US-09-989-994-22 00.0 9 14 US-10-122-630-1	0 9 14 US-10-122-633-1 0 9 14 US-10-096-596-32	00.0 9 1/ US-10-3/8-558A- 00.0 9 17 US-10-427-629-3 00.0 10 8 US-08-935-377-16	0 10 9 US-09-822-250 0 10 9 US-09-899-339 0 10 10 US-09-899-331 0 10 US-09-862-60	00.0 10 10 US-09-962-602-8	00.0 10 10 US-09-990-186-636 00.0 10 10 US-09-990-186-133	10 10 US	00.0 10 10 US-09-990-188-13 00.0 10 10 US-09-989-994-62 00.0 10 10 US-09-989-994-63	00.0 10 10 US-09-989-994-1	00.0 10 10 US-09-989-99 00.0 10 10 US-09-989-99	0 10 10 US-09-910-46 0 10 10 US-09-910-46	00.0 10 13 US-10-033-14	10 13 US-10-033-14 10 13 US-10-033-14	00:0 10 13 US-10-033-19 00:0 10 13 US-10-033-19 00:0 10 13 US-10-033-19	00.0 10 13 US-10-033-14	10 13 US 10 13 US 10 13 US	00.0 10 13 US-10-033-14	00.0 10 13 US-10-033-14 00.0 10 13 US-10-033-14 00.0 10 13 US-10-033-14	00.00 10 13 US-10-033-14	10 13 US-10-033-14	0 10 13 US-10-033-14 0 10 13 US-10-033-14 10 13 US-10-006-54	0 10 14 US-10-290-34 0 10 14 US-10-057-72 0 10 15 US-10-290-14	10 15 US-10-209-676-	0.0 10 16 US-10-329-46 0.0 10 16 US-10-044-67 0.0 10 16 US-10-330-62
13 13 14 15 15 15 15 15 15 15 15 15 15 15 15 15		9001	22 23 25	26 27 28		31 32 1	Λ ε Ψ ΙΛ Ι		40 5 41 5	42 5	ம ம	44.7 48 50 50 50 50 50 50 50 50 50 50 50 50 50	വവ	51 52 5	53 54 5				3.5	6 6 5 4 6 6 5 4 7 6 6 5 4	~ 60 G	ո տ տ	72	J 44 11	67 76	- ca o	80 81	0 0 82 84 83 32
GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen Ltd.	OM nucleic - nucleic search, using sw model	Run on: March 22, 2005, 09:20:43 ; Search time 177.708 Seconds (without alignments) 167.500 Million cell updates/sec	Title: US-09-540-843-6 Perfect score: 5 Sequence: 1 catac S	Scoring table: IDENTITY NUC Gabon 10.0 . Ganext 1.0	, 29766	Total number of hits satisfying chosen parameters: 5770552	Minimum DB seq length: 0 Maximum DB seq length: 200	Post-processing: Minimum Match 0% Maximum Match 100% Listing first 100 summaries	Database : Published_Applications_NA:*	<pre>1: /cgn2_6/ptcdata/2/pubpna/US07_PUBCOMB.seq:* 2: /cgn2_6/ptcdata/2/pubpna/PCT_NEW_PUB.seq:*</pre>	<pre>3: /cgn2 6/ptodata/2/pubpna/USO6 NBW PUB.seq:* 4: /cgn2 6/ptodata/2/pubpna/USO6 PuBGOMs.seq:* 5: /cgn2 6/ptodata/2/pubpna/USO8 NBW PUB seq:*</pre>	6: /cgn2 6/ptodata/2/pubma/PCVWS PUBCOMB.seq:* 7: /cgn2 6/ptodata/2/pubma/USO8 NEW PUB.seq:*	8: /cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:* 9: /cgn2_6/ptodata/2/pubpna/USO9A_PUBCOMB.seq:*	<pre>10: /cgn2_6/ptodata/2/pubpna/US09B_PUBCOMB.seq:* 11: /cgn2_6/ptodata/2/pubpna/US09C_PUBCOMB.seq:*</pre>	<pre>12: /cgn2_6/ptodata/2/pubpna/US09 NEW PUB.seq:* 13: /cgn2_6/ptodata/2/pubpna/US10A_PUBCOMB.seq:*</pre>	14: /cgnz_6/ptcdata/z/puppna/US10B_PUBCOMB.seq:* 15: /cgnz_6/ptcdata/z/pubpna/US10C PUBCOMB.seq:* 15: /cmz^6/ptcdata/z/pubpna/US10C PUBCOMB.seq:*	19: /cgnz_o/prodata///pupila/03100_FUBLOMB.Beq:* 17: /cgnz_6/prodata//2/pupila/USIDB_FUBCOMB.seq:* 18: /cmz^6/pt-data//2/pupila/USIDB_FUBCOMB.seq:*	19: /cgnz_6/prodaca///pubpina/Oslor Fobcome.seq: 19: /cgnz_6/prodata/2/pubpna/US10_NBW_FUB.seq:* 20: /cgnz_6/prodata/2/pubpna/US11_NBW_FUB.seq:*	: /cgn2_6/ptodata/2/ : /cgn2_6/ptodata/2/	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed,	to delived by analysis of the cotal		Score Match Length DB	5 100.0 5 14 US-10-122-630-4 Sequence 4, App	5 100.0 5 14 US-10-122-033-4 Sequence 6, A 5 100.0 5 14 US-10-122-633-4 Sequence 4, A 5 100.0 5 14 US-10-122-633-6	100.0 7 13 US-10-027-632-178029 Sequence 178029 100.0 7 13 US-10-027-632-178043 Sequence 178029	5 100.0 7 14 US-10-122-630-3 Sequence 3, A 5 100.0 7 14 US-10-122-630-7 Sequence 7, A	9 5 100.0 7 14 US-10-122-633-3 Sequence 3, 10 5 100.0 7 14 US-10-122-633-7 Sequence 7, 11 5 100.0 7 17 US-10-027-632-178029 Sequence 178

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Gaps
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US-10-122-633-4/c

Sequence 4, Application US/10122633

Publication No. US20030032611A1

GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Mark S.
APPLICANT: Eller, Mark S.
APPLICANT: Vaar, Mina
TITLE OF INVENTION: Oliqonucleotides
TITLE OF INVENTION: Oliqonucleotides
FILE REFERENCE: 0054.1088-019
CURRENT APLICATION NUMBER: US 10/122, 633
CURRENT PILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR FILING DATE: 2001-03-31
PRIOR FILING DATE: 2001-03-30
NUMBER: OF SEQ ID NOS: 15

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 4

LENGTH: S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 5; DB 14; Length 5; 100.0%; Pred. No. 1.1e+09; cive 0; Mismatches 0; Indels
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FILE REFERENCE: 0054.1088-018
CURRENT APPLICATION NUMBER: US/10/122,630
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 08/467,012
PRIOR PILING DATE: 1995-06-06
PRIOR PILING DATE: 1996-06-03
PRIOR PLING DATE: 1996-06-03
PRIOR PILING DATE: 1996-06-03
PRIOR PILING DATE: 1996-06-03
PRIOR PILING DATE: 1908-03-26
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SEQ ID NO 6
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , OTHER INFORMATION: Synthetic DNA Fragment US-10-122-633-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.
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Best Local Similarity 100.
Matches 5; Conservative
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                                     Sequence 5
Sequence 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | GENERAL INFORMATION:
| APPLICANT: Gilchrest, Barbara A. |
| APPLICANT: Gilchrest, Mark S. |
| APPLICANT: Eller, Mark S. |
| APPLICANT: Eller, Mark S. |
| APPLICANT: Eller, Mark S. |
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligonaleotides |
| TITLE OF INVENTION: Oligonaleotides |
| TITLE OF INVENTION: Oligonaleotides |
| TITLE OF INVENTION: UNMER: US/10/122,630 |
| CURRENT FILING: DATE: 1908-018 |
| PRIOR FILING DATE: 1995-06-06 |
| PRIOR FILING DATE: 1996-06-03 |
| PRIOR FILING DATE: 1996-06-03 |
| PRIOR FILING DATE: 1998-03-26 |
| PRIOR FILING DATE: 2000-03-31 |
| PRIOR FILING DATE: 2000-03-31 |
| PRIOR FILING DATE: 2001-03-30 |
| NUMBER OF SEQ ID NOS: 15 |
| SOPTWARR: FastSEQ for Windows Version 4.0 |
| SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 5; DB 14; Length 5; 100.0%; Pred. No. 1.1e+09; ative 0; Mismatches 0; Indels
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; Publication No. US20030032610A1
; Publication No. US20030032610A1
; APPLICANT: Glichrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ALIGNMENTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
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1 CATAC 5
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; ORGANISM: Human
US-10-027-632-178043
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 178043
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Sequence 178029, Application US/10027632
Publication No. US2020198371A1
BUBLICANT NO. US2020198371A1
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT APPLICATION NUMBER: US/10/027,632
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                                                                       TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligonucleotides FILE REPERENCE: 0054.1088-019 CURRENT APPLICATION NUMBER: US/10/122,633 CURRENT FILING DATE: 2002-04-12 PRIOR PILING DATE: 2000-03-31 PRIOR PILING DATE: 2000-03-31 PRIOR APPLICATION NUMBER: PCT/USO1/10162 PRIOR FILING DATE: 2001-03-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 5; DB 13; I 100.0%; Pred. No. 8.2e+08;
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100.0%; Score 5; DB 14;
Best Local Similarity 100.0%; Pred. No. 1.1e+0
Matches 5; Conservative 0; Mismatches
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PRIOR PRICATION NUMBER: US 60/218,006
PRIOR PILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-04-20
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-03-29
PRIOR PILING DATE: 2000-02-24
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-11-23
PRIOR PILING DATE: 1999-10-28
PRIOR PILING DATE: 1999-10-28
PRIOR PILING DATE: 1999-09-28
PRIOR PILING DATE: 1999-08-09
SEQUENARE: PABLOR PABLOR DATE: 1999-08-09
SEQUENARE: PABLOR PILING DATE: 1999-08-09
SEQUENARE: PABLOR PABLOR DATE: 1999-08-09
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-6
                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 15
SOTTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 6
LENGTH: 5
Gilchrest, Barbara A.
Bller, Mark S.
Yaar, Mina
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence FEATURE:
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Best Local Similarity 100.
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US-10-027-632-178029
                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
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| Sequence 178043, Application (9/1007632) | Sequence 178043, Application (9/1007632) | Sequence 178043, Application (9/1007632) | Sequence 178043, Application (9/100763131A1 | Septicon (9/1007631) | Septic
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TYPE: DNA
ORGANISM: Artificial Sequence
                                TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity
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Sequence 7, Application US/10122630

Sequence 7, Application WS. US20030032610A1

GENERAL INFORMATION:

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Bller, Mark S.

APPLICANT: Bler, Mark S.

TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligomucleotides

FILE REFERENCE: 0054.1088-018

CURRENT APPLICATION NUMBER: US/10/122,630

CURRENT FILING DATE: 2002-04-12

PRIOR PILING DATE: 1995-06-06

PRIOR PPLICATION NUMBER: US 09/646,927

PRIOR APPLICATION NUMBER: US 09/648,927

PRIOR APPLICATION NUMBER: US 09/648,927

PRIOR PPLING DATE: 1996-03-26

PRIOR PPLING DATE: 1996-03-36

PRIOR PPLING DATE: 2000-03-31

PRIOR PPLING DATE: 2000-03-31

PRIOR PLING DATE: 2000-03-31

PRIOR APPLICATION NUMBER: US 09/648,927

PRIOR PPLING DATE: 2000-03-31

PRIOR PLING DATE: 2000-03-31

PRIOR PLING DATE: 2000-03-31

PRIOR PLING DATE: 2001-03-30

NUMBER OF SEQ ID NOS: 15

SOFTHWARE: FRRESQ FOR WINGOWS VERSION 4.0

SEQ ID NO 7

LENGTH: 7
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| Publication No. US20030032611A1
| GENERAL INFORMATION:
| APPLICANT: Glichreet, Barbara A.
| APPLICANT: Glichreet, Barbara A.
| APPLICANT: Sller, Mark S.
| APPLICANT: Yaar, Mana TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligonucleotides
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using
| TITLE OF INVENTION: Oligonucleotides
| TITLE OF INVENTION: Ol
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                                                                              Length 7;
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                                                                                                                           8.2e+08;
                                                                              100.0%; Score 5; DB 14; 100.0%; Pred. No. 8.2e+08
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// OTHER INFORMATION: Synthetic DNA Fragment US-10-122-630-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
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                                                                                                                       Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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US-10-122-630-3
                                                                                       Query Match
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I CATAC 2

Sequence 7 Application Us/1012233

Publication No. U22000035611A4

APPLICANT: Sile.

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T: 119 NORTH FOURTH STREET, SUITE 203
MINNEAPOLIS
MINNESOTA
Y: TITY
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: DNA (genomic) US-09-142-593-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 8 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity 100.
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                                   ADDRESSEE:
                                                                         CITY: MIN
STATE: MI
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-927-886-17
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GENERALL INFORMATION:

TITLE OF INVENTION: Identification and Mapping of Single Nucleotide

TITLE OF INVENTION: Polymorphisms in the Human Genome

FILE REFERENCE: 108027.129

CURRENT APPLICATION NUMBER: US/10/027,632

CURRENT PILING DATE: 2002-04-30

PRIOR PILING DATE: 2000-07-12

PRIOR PILING DATE: 2000-04-20

PRIOR PILING DATE: 2000-04-20

PRIOR APPLICATION NUMBER: US 60/199,676

PRIOR APPLICATION NUMBER: US 60/195,189

PRIOR PILING DATE: 2000-03-29

PRIOR PILING DATE: 2000-03-29

PRIOR PILING DATE: 2000-03-29

PRIOR PILING DATE: 1999-11-23

PRIOR PILING DATE: 1999-11-23

PRIOR PILING DATE: 1999-09-28

PRIOR PILING DATE: 1999-09-09-38

PRIOR PILING DATE: 1999-09-09

NUMBER OF SEQ ID NOS: 32570

SOFTWARE: PRESEQ for Windows Version 4.0

TANANTAL.
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Batent No. UG20020016975A1

GENERAL INFORMATION:

APPLICANT: HACKETT BT AL.

TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE

TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
NUMBER OF SEQUENCES: 63

CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                  0; Indels
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                                                                                                                                                                                                                                                                                                                                      0; Mismatches
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                            PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR PILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: PastSEQ for Windows Version 4.0
LENGTH: 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 178043, Application US/10027632
Publication No. US20030204075A9
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
                                                                                                                                                                                                                                                                                                                                                                              1 CATAC 5
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                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178029
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178043
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Patent No. US20020103152A1

GENERAL INPORMATION:

APPLICANT: Kay, Mark A.

APPLICANT: Yant, Stephen

TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a TITLE OF INVENTION: Sleeping Beauty Transposon System

TURENT PAPLICATION NUMBER: US/09/927,886

CURRENT APPLICATION NUMBER: 00/162,279

PRIOR FILING DATE: 1999-10-28

PRIOR FILING DATE: 1999-11-17

NUMBER OF SEQ ID NOS: 19

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSEQ for Windows Version 4.0
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COMPUTER PSAUZ

COMPUTER PADABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/142,593
FILING DATE: 11-NAR-1998
FILING DATE: 11-NAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/053,868
FILING DATE: 28-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/065,303
FILING DATE: 13-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US98/04687
FILING DATE: II-NAR-1998
ATTORNEY/AGENT INFORMATION:
NUMBE: SANDBERG, VICTORIA A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 5; DB 9; Le
100.0%; Pred. No. 7.2e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: SANDBERG, VICTORIA A.
REGISTRATION NUMBER: 41,287
REFERENCE/DOCKET NUMBER: 110.00450101
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US-10-128-560-224/c
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GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
NUMBER OF SEQUENCES: 63
CORRESPONDENSES:
ADDRESSEE: MUSTING, RAASCH & GEBHARDT, P.A.
STREET: 119 NORTH FOURTH STREET, SUITE 203
CITY: MINNESOTA
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Steer, Clifford
APPLICANT: Steer, Clifford
APPLICANT: Linehan-Stieere, Cheryle
APPLICANT: Linehan-Stieere, Cheryle
APPLICANT: MacYoct, R.
APPLICANT: Hackett, Perry
TITLE OF INVENTION: Composition for Delivery of Compounds to Cells
TITLE OF INVENTION: Composition for Delivery of Compounds to CURRENT APPLICATION NUMBER: US/09/861,014
CURRENT APPLICATION NUMBER: US/09/861,014
CURRENT FILING DATE: 2001-05-19
PRIOR FILING DATE: 2000-05-19
PRIOR PLING DATE: 2000-05-19
PRIOR PILING DATE: 2001-04-20
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                                                                                                      Length 8;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                  100.0%; Score 5; DB 9; L. 100.0%; Pred. No. 7.2e+08; tive 0; Mismatches 0;
                                        ; OTHER INFORMATION: transposon repeat sequence US-09-927-886-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
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; Sequence 11, Application US/10263159
; Publication No. US20030124668A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/09861014
Patent No. US20020115216A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NUMBER OF SEQ ID NOS: 10
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
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                                                                                 Query Match
Best Local Similarity 100.
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Best Local Similarity
Matches 5; Conserv
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Publication No. US20030134272A1

GENERAL INFORMATION:

APPLICANT: Universiteit Gent

TITLE OF INVENTION: Improved mutation analysis of the NF1 Gene

TITLE OF INVENTION: Umproved mutation analysis of the NF1 Gene

TITLE REFERENCE: UG-005-PCT

CURRENT FILING DATE: 2002-04-18

PRIOR FILING DATE: 2002-04-18

PRIOR FILING DATE: 1999-10-18

PRIOR FILING DATE: 2000-06-05

PRIOR FILING DATE: 2000-06-05

PRIOR PRICATION NUMBER: UG 60/211,929

PRIOR PRICATION NUMBER: UG 60/211,929

PRIOR PRICATION NOWER: 2000-06-16

NUMBER OF SEQ ID NOS: 264

SOFTWARE: Patentin Ver. 2.1

SECTION: PRIOR PRICATION NOS: 2.1

SECTION: PRIOR PRICATION NOS: 2.1
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                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY AGENT INFORMATION:

NAME: SANDBERG, VICTORIA A.

REGISTRATION NUMBER: 41,287

REFERENCE/DOCKET NUMBER: 110.00450101

TELEPHONE: 612-305-1226

TELEPAK: 612-305-1226
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 5; DB 15; I Best Local Similarity 100.0%; Pred. No. 7.2e+08; Matches 5; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 5; DB 15; I 100.0%; Pred. No. 7.2e+08;
                                                                                               APPLICATION NUMBER: US/09/142,593
FILING DATE: 10-SEP-1998
APPLICATION NUMBER: 60/040,664
FILING DATE: 11-MAR-1997
APPLICATION NUMBER: 60/053,868
FILING DATE: 28-JUL-1997
APPLICATION NUMBER: 60/065,303
FILING DATE: 13-NOV-1997
APPLICATION NUMBER: PCT/US98/04687
FILING DATE: 11-MAR-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Mismatches
APPLICATION NUMBER: US/10/263,159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 11:
                          FILING DATE: 02-Oct-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 8 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.
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; ORGANISM: Homo sapiens
US-10-128-560-224
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Sequence 5, Application US/10332914

Publication No. US20040025200A1

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF INVENTION: Molecular Control of Transgene Segregation and Its

TITLE OF INVENTION: Molecular Control of Transgene Segregation and Its

TITLE OF INVENTION: Molecular Control of Transgene Segregation and Its

TITLE OF INVENTION: MOLECULAR CONTROL OF PRICE OF PROPERTY APPLICATION NUMBER: US/10/332,914

CURRENT APPLICATION NUMBER: US/03-01-14

PRIOR APPLICATION NUMBER: PCT/FIO1/00670

PRIOR FILING DATE: 2001-07-16

NUMBER OF SEQ ID NOS: 15

SEQ ID NO 5

LENGTH: 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: 5' exon/intron boundary site US-10-332-914-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100...
S; Conservative
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US-10-332-914-5/c
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                                                                                                  APPLICANT: Hackett, P. B.
APPLICANT: Clark, Karl J.
APPLICANT: Isavak, Zausaanna
APPLICANT: Isavak, Sausaanna
APPLICANT: Isavak, Sausaanna
APPLICANT: Scott C. Fahrenkrug
TITLE OF INVENTION: NUCLEIC ACID INTO THE DNA OF A CELL
FILE REFERENCE: 110.008/0102
CURRENT APPLICANTION NUMBER: US/10/191,698
CURRENT FILING DATE: 2002-07-09
NUMBER OF SEQ ID NOS: 75
SSOTUARE: Patentin Ver. 2.0
SEQ ID NO 11
LENGTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: A portion of a OTHER INFORMATION: direct repeat sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 5; DB 16; Length 8; 100.0%; Pred. No. 7.2e+08; tive 0; Mismatches 0; Indels
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APPLICANT: Schetter, Christian
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REPERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR PILING DATE: 1999-09-25
PRIOR PILING DATE: 1999-09-27
PRIOR FILING DATE: 1999-09-27
NUMBER: OF SEQ ID NOS: 1145
SQPTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 138
LENGTH: 8
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1138, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
                                       Sequence 11, Application US/10191698
Publication No. US20030154500A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 5; Conservative
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                 -10-191-698-11
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Gaps

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Best Local Similarity 100.0%; Pred. No. 7.2e+08;
Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                               ; OTHER INFORMATION: transposon repeat sequence
US-10-608-516-17
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RESULT 22

RESULT 20

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1 CATAC 5
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Sequence 623, Application US/09990186
Sequence 623, Application US/09990186
Sequence 623, Application No. US20030068675A1
GENERAL INFORMATION:
APPLICANT: LIU, Qiang
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLECTIDE
TITLE OF INVENTION: TREPERES BY ZINC FINGERS
FILE REFERENCE: 8325-0011.21 / S11-US3
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                                                                              APPLICANT: VERNA, Inder M.
APPLICANT: TISCORNIA, Gustavo
APPLICANT: SINGER, Oded
TITLE OF INVENTION: RATIODS OF INHIBITING GENE EXPRESSION BY
TITLE OF INVENTION: RNA INTERFERENCE
TITLE OF INVENTION: RNA INTERFERENCE
CURRENT APPLICATION NUMBER: US/10/742,740
CURRENT PILLING DATE: 2003-12-18
PRIOR FILING DATE: 2003-12-18
PRIOR FILING DATE: 2002-12-18
PRIOR FILING DATE: 2002-12-18
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FASTERED for Windows Version 4.0
SEQ ID NOS: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-861-108-9

i Sequence 9, Application US/10861108

i Sequence 9, Application US/10861108

j Publication No. US20050003542A1

i GENERAL INFORMATION:

APPLICANT: Yant, Stephen

I TILE OF INVENTION: Stephen

I TILE OF INVENTION: System and Methods for Using the Same

FILE REFERRINCE: STAN-307

CURRENT FILING DATE: 2004-06-03

PRIOR APPLICATION NUMBER: US/10/861,108

CURRENT FILING DATE: 2003-06-04

NUMBER OF SEQ ID NOS: 17

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 9

LENGTH: 8

LENGTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 8;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
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Pred. No. 7.2e+08;
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             Sequence 3, Application US/10742740 Publication No. US20040234504A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Synthetic US-10-742-740-3
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 CATAC 5
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US-10-742-740-3
                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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US-09-990-186-2256/c
i Sequence 2256, Application US/09990186
j Publication No. US20030068675A1
j GENERAL INFORMATION:
j APPLICANT: LIU, Qiang
j TITLE OF INVENTION:
j FILE REPERENCE: 8325-0011.21 / 811-US3
j CURRENT APPLICATION UNMBER: US/09/990,186
j CURRENT FILING DATE: 2001-11-20
j NUMBER OF SEQ ID NOS: 4085
j SOFTWARE: Patentin Ver. 2.0
j SEQ ID NO 2256
j LINGTH: 9
                                                                                                                                                                                                                                                                                                                                             Gaps
                                                                                                                                                                                                     ) OTHER INFORMATION: Description of Artificial Sequence: example target; OTHER INFORMATION: DNA US-09-990-186-623
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ) OTHER INFORMATION: Description of Artificial Sequence: example target; OTHER INFORMATION: DNA US-09-990-186-2220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 2220, Application US/0990186
Publication No. US20030068675A1
GENERAL INFORMATION:
APPLICANT: LIU, QIANG
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REFERENCE: 8325-0011.21 / S11-US3
CURRENT PILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SEQ ID NO 2220
FERMING NOS: 200
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CURRENT APPLICATION NUMBER: US/09/990,186
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 623
                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
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PEATURE:
OTHER INFORMATION: Description of Artificial Sequence: example target
OTHER INFORMATION: DNA
US-09-989-994-2256
                                                Sequence 2256, Application US/0999994
Publication No. US20030104526A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLECTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REPERENCE: 8325-0011.20, 511-US2
CURRENT APPLICATION NUMBER: US/09/989,994
CURRENT FILING DATE: 2001-11-20
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Petentin Ver. 2.0
SEQ ID NO 2256
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Best Local Similarity 100...
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US-10-122-630-1/c
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US-09-989-994-2220/c
| US-09-989-994-2220, Application US/09989994
| Publication No. US20030104526A1
| GENERAL INFORMATION:
| GENERAL INFORMATION:
| TITLE OF INVENTION:
| TITLE 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: example target; OTHER INFORMATION: DNA US-09-989-994-623
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 623, Application US/0989994
Publication No. US20030104526A1
GENERAL INFORMATION:
APPLICANT: LIU, Qiang
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE OF INVENTION: TRIPLETS BY ZINC FINGERS
FILE REFERENCE: 8325-0011.20 / S11-US2
CURRENT APPLICATION NUMBER: US/09/989,994
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 623
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                                                                   100.0%; Score 5; DB 10; Length 9; 100.0%; Pred. No. 6.4e+08;
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                                 Query Match
Best Local Similarity luv.
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity
Matches 5; Conserv
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US-09-990-186-2256
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US-09-989-994-623
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Gaps

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Length 9;

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Sequence 1, Application US/10122630

Sequence 1, Application US/10122630

Publication No. US20030032610A1

GENERAL INFORMATION:

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Mina

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Oligonouclectides

FILE REFERENCE: 0054.1088-018

CURRENT APPLICATION NUMBER: US/10/122,630

CURRENT FILING DATE: 2002-04-12

PRIOR PILING DATE: 1995-06-06

PRIOR PLICATION NUMBER: US 09/467,012

PRIOR APPLICATION NUMBER: US 09/648,927

PRIOR APPLICATION NUMBER: US 09/540,843

PRIOR PILING DATE: 1998-03-26

PRIOR PILING DATE: 1998-03-32

PRIOR PILING DATE: 1998-03-32

PRIOR PILING DATE: 1998-03-32

PRIOR PILING DATE: 1998-03-36

PRIOR PILING DATE: 1998-03-36

PRIOR PILING DATE: 1998-03-36

PRIOR PILING DATE: 1998-03-36

PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2001-03-30

NUMBER OF SEQ ID NOS: 15

SOFTWARE: FRREESQ for Windows Version 4.0

SEQ ID NO 1

LENGTH: 9
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100.0%; Score 5; DB 14; I
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0;
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JS-10-378-558A-13/c
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US-10-427-629-3/c
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Sequence 32, Application US/10096596

Publication No. US20030049653A1

GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth W

APPLICANT: Vogelstein, Bert
APPLICANT: Shang, Lin
TILLE OF INVENTION: WITHOD FOR SERIAL ANLAYSIS OF GENE EXPRESSION
FILE REFERENCE: 001107.00242
CURRENT APPLICATION NUMBER: US/10/096,596
CURRENT APPLICATION NUMBER: US 08/527,154

PRIOR APPLICATION NUMBER: US 08/527,154

PRIOR PILING DATE: 1995-09-12

PRIOR PILING DATE: 1995-01-18

PRIOR PILING DATE: 1995-01-18

PRIOR PILING DATE: 1998-06-30

NUMBER OF SEQ ID NOS: 41

SEQ ID NO 32

SEQ ID NO 32

SEQ ID NO 32
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                                Sequence 1, Application US/10122633
; Bequence 1, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
    APPLICANT: Gilchreet, Barbara A.
; APPLICANT: Blex., Mark S.
; APPLICANT: Blex., Mark S.
; APPLICANT: Blex., Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligomuclectides
; FILE REPERENCE: 0054.1088-019
; FILE REPERENCE: 0054.1088-019
; PRIOR PLILING DATE: 2000-03-31
; PRIOR PLILING DATE: 2000-03-31
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SEQ ID NO 1
; LENGTH: 9
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Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels
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100.0%; Score 5; DB 14; Length 9;
Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence FEATURE:
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; ORGANISM: Homo sapiens
US-10-096-596-32
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| CATAC 7
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       RESULT 31
US-10-122-633-1/c
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US-10-096-596-32
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RESULT 33

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Sequence 3, Application US/10427629
Sequence 3, Application US/10427629
Sequence 3, Application WO. US20040078834A1
GRNERAL INFORMATION:
GRNERAL INFORMATION:
GRNERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION WINDER:
US/10/427,629
CURRENT APPLICATION WUNBER:
00/376,444
PRIOR PILING DATE:
2002-04-29
NUMBER OF SEQ ID NOS:
20
SOGTWARE: PATENTIN VETSION 3.2
SEQ ID NO 3
SEQ ID NO 3
LENGTH: 9
                                                                   APPLICANT: Kalscheuer, Rainer
APPLICANT: Steinbuchel, Alexander
APPLICANT: Steinbuchel, Alexander
APPLICANT: Steinbuchel, Alexander
APPLICANT: Voelker, Toni
APPLICANT: Voelker, Toni
FILLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODIFICATION OF LIPID BIOSYNTHESIS
FILLE REPERBNCE: MONS:0.664052
CURRENT PILING DATE: 2003-03-03
RICHART PILING DATE: 2002-03-01
RICHARTS APPLICATION NUMBER: 60/360,774
RICHARTS OF SEQ ID NOS: 31
SOFTWARE: Patentin version 3.1
SCOTWARE: Patentin version 3.1
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Publication No. US20030133917A1
GENERAL INFORMATION:
APPLICANT: Zauderer, Maurice
TITLE OF INVENTION: T Cells Specific for Target Antigens and
TITLE OF INVENTION: Vaccines Based Thereon
NUMBER OF SEQUENCES: 37
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C
STREET: 1100 New York Avenue, N.W., Suite 600
CITY: Washington
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Best Local Similarity 100.0%; Pred. No. 6.4e+08;
Matches 5; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Acinetobacter calcoaceticus
US-10-378-558A-13
Sequence 13, Application US/10378558A Publication No. US20040009576A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 100.
Matches 5; Conservative
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ORGANISM: Mus musculus
US-10-427-629-3
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APPLICANT: O'CERNAN, LEGIEB B.

APPLICANT: SAMPRAS, NICHOLAS M.
APPLICANT: SAMPSON, JEFFREY R.
TITLE OF INVENTION. TECHNIQUES FOR ASSESSING NONSPECIFIC BINDING OF NUCLEIC TITLE OF INVENTION: ACIDS TO SURFACES FILE REFRENCE: 10981620-1
CURRENT PAPLICATION NUMBER: US/09/398,399
CURRENT FILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 35
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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APPLICANT: KUMAR, ASHAVANI
APPLICANT: RAMAKRISHNAN, VIDYA
APPLICANT: GANESH, KRISHNAN, VIDYA
APPLICANT: GANESH, KRISHNARAJANAGAR
APPLICANT: GANESH, KRISHNARAJANAGAR
ATTLE OF INVENTION: METHOD FOR THE HYDROPHOBISATION OF DNA MOLECULES
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APPLICANT: Delenstarr, Glend C.
APPLICANT: Delenstarr, Glend C.
APPLICANT: Wolber, Pual K.
APPLICANT: Wolber, Pual K.
TITLE OF INVENTION: Arrays Having Background Features and TITLE OF INVENTION: Methods for Using the Same; TITLE OF INVENTION NUMBER: US/09/899,381
CURRENT FILING DATE: 1999-09-17
CURRENT PELICATION NUMBER: 09/398,399
PRIOR FILING DATE: 1999-09-17
NUMBER: OF SEQ ID NOS: 53
SOFTWARE: FastSEQ for Windows Version 4.0
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100.0%; Pred. No.
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Patent No. US20020068293A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: synthetic probe US-09-899-381-31
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Publication No. US20030059899A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
FRATURE:
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Best Local Similarity 100...
5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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US-09-899-381-31/c
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Sequence 16, Application US/09822250

Patent No. US20020018785A1

GENERAL INFORMATION:
APPLICANT: Zauderer, Maurice
TITLE OF INVENTION: Methods for Producing Recombinant Libraries in Vaccinia Virus
FILE REFERENCE: 1821.001001

CURRENT FILING DATE: 2001-04-02

FRICR APPLICATION NUMBER: US 08/935,377

PRIOR PILING DATE: 1997-09-22

NUMBER OF SEQ ID NOS: 37

SEQ ID NO 16

LENGTH: 10
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                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 22-SEP-1997
CLASSIPICATION: 424
                                                                                                                                                                                                                                                                                                                                                                                 1821.0010000/BKS/CMB
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Patent No. US20020051973A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                      CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Steffe, Bric K
REGISTATION NUMBER: 36,688
REFRENCE/DOCKET INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (202) 371-2540
INFORMATION FOR SEQ ID NO: 16: SEQUENCE CHARACTERISTICS: LENGTH: 10 base pairs TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: DELENSTARR, GLENDA C. APPLICANT: LEFKOWITZ, STEVEN M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ) ORGANISM: synthetic construct US-09-822-250-16
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Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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                                                         STATE: D. C. COUNTRY: USA
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US-09-962-602-8/C

i Sequence 8, Application US/09962602

i Publication No. US20030059899A1

i GENERAL INFORMATION:

APPLICANT: RAMAKRISHNANI

APPLICANT: RAMAKRISHNAN, VIDYA

APPLICANT: RAMAKRISHNAN, VIDYA

TITLE OF INVENTION:

FILE REPRENCE: 4062-6

CURRENT APPLICANT: 2001-09-26

NUMBER OF SEQ ID NOS: 10

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 8

LENGTH: 10
                                                                                                                                                                                                                                                                                                                                         0; Gaps
                                                                                                                                                                                                                         ; OTHER INFORMATION: Description of Artificial Sequence:ssDNA1
US-09-962-602-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:

, OTHER INFORMATION: Description of Artificial Sequence:ssDNA2
US-09-962-602-8
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Best Local Similarity 100.0%; Pred. No. 1.6e+06;
Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 5; DB 10; Length 10; Best Local Similarity 100.0%; Pred. No. 1.6e+06; Matches 5; Conservative 0; Mismatches 0; Indels
FILE REFERENCE: 4062-6
CURRENT PEPLICATION NUMBER: US/09/962,602
CURRENT FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 10
SOFTWARE: PATENTIN Ver. 2.0
SEQ ID NO 7
LENGTH: 10
                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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0; Gaps

Search completed: March 22, 2005, 19:09:41 Job time : 177.708 secs

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113, Appl 11, Appl 24, Appl 24, Appl 2, Appl 10, Appl 115, Appl 113929, A

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  US-09-313-294A-26
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US-09-097-759-6
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US-08-318-931-3
US-08-918-318-3
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S-09-313-294A-26
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S-09-097-759-6
S-09-065-104-24
S-08-816-155B-23
     98
     292, App
4286, Ap
4287, Ap
12286, A
7, Appli
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10, Appl
6, Appli
7, Appli
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7, Appli
4834, Ap
4790, Ap
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Sequence 1694, Ap
Sequence 25349, A
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27187, J
34984, J
                                                                                                                                                             March 22, 2005, 04:59:11; Search time 173.333 Seconds (without alignments) 188.801 Million cell updates/sec
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1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
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6: /cgn2_6/ptodata/1/ina/PCTUS_COMB.seq:*
                           GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-09-513-996A-1694

US-09-513-999C-25349

US-07-982-712-34

US-08-053-564-10

US-08-301-872A-6

US-08-301-872A-6

US-08-301-872A-6

US-08-301-872A-8

US-08-301-872A-8

US-08-313-999C-27989

US-09-513-999C-27989

US-09-513-999C-12286

US-09-513-999C-12286

US-09-396-196G-4287

US-09-396-196G-4287

US-09-396-196G-4287

US-09-313-999C-12286

US-09-313-999C-12286

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US-09-313-999C-12286

US-09-513-999C-12286

US-09-513-999C-12286

US-09-513-999C-12286

US-09-56-171R-4834

US-08-956-171R-4834

US-08-956-171R-4790

US-08-956-171R-4790

US-08-956-171R-4790

US-08-956-171R-4790

US-08-956-171R-4790

US-09-513-996A-4790

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US-09-513-996A-4790
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Maximum Match 100%
Listing first 100 summaries
                                                                                                                         nucleic search, using sw model
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Gapop 10.0 , Gapext 1.0
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seq length: 200
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Match 1
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Perfect score:
Sequence:
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Database

Result No.

Searched:

23870, A 1, Appli 1, Appli 2, Appli 2, Appli 11878, A 49274, A

Appli 21606, 3, Appl

Sequence

STREET: 9410 Key West Avenue CITY: Rockville

Maryland

STATE: Ma

```
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: Hoctra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/781,986A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER:
FILING DATE:
FILING DATE:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                  ATTORNEY GENT INFORMATION:
NAME: Benson, Bob
REGISTRATION NUMBER: 30,446
REFERENCE/DOCKET NUMBER: PB248PP
RELEPHONE: (301) 309-8504
TELEPHONE: (301) 309-8504
TELEPHONE: (301) 309-8512
INFORMATION FOR SEQ ID NO: 1694:
SEQUENCE CHARACTERISTICS:
LENGTH: 162 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 69.0%;
Best Local Similarity 88.2%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-781-986A-1694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        8
                                                                                                                                                                                                                                           Craig A. Rosen
Steven C. Barash
Michael R. Fannon
TITLE OF INVENTURES: 5256
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
STREET: Maryland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ö
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MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage medium Type: Diskette, 3.50 inch, 1.4Mb storage computer: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
OOFTWARE: ASCII Text
CURRENT APPLICATION DATE: US/08/956,171E
APPLICATION NUMBER: US/08/956,171E
FILING DATE: 20-Oct-1997
CLASSIFICATION: CURROWN>
PRIOR APPLICATION OF CURROWN>
PRIOR APPLICATION NUMBER: 60/009,861
FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
APPLICATION NUMBER: 08/781,986
APPLICATION NUMBER: 08/781,986
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 162;
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88.2%; Pred. No. 8.5e+02;
tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear;
; SEQUENCE DESCRIPTION: SEQ ID NO: 1694:
US-08-956-171E-1694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Mark J. Hyman
REGISTRANTON NUMBER: 46,789
REFERENCE/DOCKET NUMBER: PB248P1
TELECOMMUNICATION INFORMATION:
ALIGNMENTS
                                                                                                             Sequence 1694, Application US/08956171E Patent No. 6593114 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (240) 314-1224
                                                                                                                                                                                                          Gil H. Choi
Patrick S. Dillon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           309-8439
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SEQUENCE CHARACTERISTICS:
LENGTH: 162 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 88.23
Matches 15; Conservative
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                                                                                               JS-08-956-171E-1694
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APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Dumas Milne Edwards, J.B.
APPLICANT: Duclert, A.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
FILE REFERENCE: 59.US2.REG
CURRENT APPLICATION NUMBER: US/09/513,999C
CURRENT FILING DATE: 1999-02-26
NUMBER OF SEQ ID NOS: 36681
SOFTWARE: Patent.pm
SEQ ID NO 25349
LEMENT : 196
LEMENT : 196
LEMENT : 196
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Score 13.8; DB 4; Length 162;
Pred. No. 8.5e+02;
0; Mismatches 2; Indels
                                                                                                                                                                                                                                    US-09-513-999C-25349/c
; Sequence 25349, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
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US-09-513-999C-25349
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ORGANISM: Homo sapiens
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Best Local Similarity
Matches 15; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                                                                                   RESULT 3
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Sequence 1694, Application US/08781986A
Patent No. 6737248
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5255
CORRESPONDENCE ADDRESS:

US-08-781-986A-1694

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0; Gaps
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Pred. No. 9.7e+02;
0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: MORI, MASASHI
APPLICANT: OKUNO, TETSURO
APPLICANT: PRUGANA, IWAO
TITLE OF INVENTION: PROCESS FOR PRODUCTION OF
TITLE OF INVENTION: EXCRENOUS GENE OR ITS PRODUCT
TITLE OF INVENTION: IN PLANT CELLS NO.2
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSER: Sugirue, Mion, Zinn, Macpeak &
ADDRESSER: Seas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: #1.25
REPEAR #1.25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STREET: 2100 Pennsylvania Avenue, N.W. CITY: Washington STATE: D.C. COUNTRY: U.S.A.
                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 14
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/982,712
FILING DATE: 19921127
CLASSIFICATION: 800
PRIOR APPLICATION BATA:
APPLICATION NUMBER:
FILING DATE:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAMME: WARTEN M. Cheek, JF.
REGISTRATION NUMBER: 33,367
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/053,564
FILING DATE: 28 APR-1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ) TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-07-982-712-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 10, Application US/08053564; Patent No. 5418153; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             54 GCATGCATGAATTCCCTAGG 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-8850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 68.0%;
Best Local Similarity 80.0%;
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 58 bases
TYPE: NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA
Washington
                          D.C.
: U.S.A.
                                                                        ZIP: 20005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-053-564-10/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20037
                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ð
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                                                                                                                                                                     Sequence 34, Application US/07982712

| Batent No. 5436391
| GENERAL INFORMATION:
| APPLICANT: Hideya FUJIMOTO, Kimiko ITOH
| APPLICANT: MIKihiro YAMAMOTO, and Ko SHIMAMOTO
| TITLE OF INVENTION: Insecticidal Protein-encoding Gene, Gramineous
| TITLE OF INVENTION: Disart Transformed with the Gene, and Production Thereof
| NUMBER OF SEQUENCES: 35
| CORRESPONDENCE ADDRESS: 1ind & Ponack
| ADDRESSER: Wenderoth, Lind & Ponack
| STREET: 805 Fifteenth Street, N.W., #700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 35, Application US/07982712
Sequence 35, Application US/07982712
Patent No. 5436391
GENERAL INFORMATION:
APPLICANT: Hideya FUJIMOTO, Kimiko ITOH
APPLICANT: Hideya FUJIMOTO, and Ko SHIMAMOTO
APPLICANT: Hideya FUJIMOTO, and Ko SHIMAMOTO
TITLE OF INVENTION: Insecticidal Protein-encoding Gene, Gramineous
TITLE OF INVENTION: Plants Transformed with the Gene, and Production Thereof
CORRESPONDENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSER: Wenderoth, Lind & Ponack
STREET: 805 Fifteenth Street, N.W., #700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: WESTINGON
STATE: WESTINGON
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 144 mb
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/982,712
FILING DATE: 19921127
CLASSIFICATION BOTA:
APPLICATION NUMBER: US/07/982,712
FILING DATE:
ATORNEY AGENT INFORMATION:
REGISTRATION NUMBER: 33,367
REGISTRATION NUMBER: 33,367
REGISTRATION NUMBER: TELECOMMUNICATION INFORMATION:
TELEBHONE: 202-371-8850
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 GCATGCATGCATTACGTACG 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    9 ścarścarcarracinaci 28
  3 ATGCATGCATTACGTAC 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
                                                  31 Argcargcrirargrac 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 58 bases
TYPE: NUCLEIC ACID
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-07-982-712-35/c
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Gaps

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Indels

Pred. No. 1.2e+03; 0; Mismatches 1;

93.3%;

14; Conservative

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Best Local Similarity
Matches 14; Conserva
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                                                                                                                                                                                                                                                                                                   Length 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
GURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/301,872A
FILING DATE: 06-SEP-1994
                                                                                                                                                                                                                                                                                             Query Match 67.0%; Score 13.4; DB 1;
Best Local Similarity 93.3%; Pred. No. 1.2e+03;
Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                          MOLECULE TYPE: Other nucleic acid DESCRIPTION: synthesized oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 07/739,861
FILING DATE: 02-AUG-1991
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/552,183
FILING DATE: 13-JUL-1990
ATTORNEY AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: TKT90-01A2
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION SEQ. 16-9540
INFORMATION POR SEQ. 1D NO: 6:
SEQUENCE CHARACTERISTICS:
   APPLICATION NUMBER: JP HEI-4-152593
                     FILING DATE: 28-APR-1992
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 293-7060
TELEFAX: (202) 293-766
                                                                                                                   10:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                            2 CATGCATGCATTACG 16
                                                                                            TELEX: 649113
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 28 bases
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                              20 CATGCATGCATTCCG 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 42 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
                                                                                                                                                                                                             linear
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MOLECULE TYPE:

US-08-301-872A-6
                                                                                                                                                                                                           TOPOLOGY:
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67.0%; Score 13.4; DB 1; Length 42;

Query Match

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                                                               1; Indels
                                                                                                                                                                                                                                                                                                                 COMPUTER FRADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Elb PC compatible
COMPUTER: Elb PC compatible
COPERATION SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/443,372A
FILING DATE: 17-MAY-1995
CLASSIPICATION DATA:
APPLICATION NUMBER: US 08/301,872
FILING DATE: 06-SEP-1994
APPLICATION NUMBER: US 07/739,861
FILING DATE: 02-AUG-1991
PRICK APPLICATION DATA:
APPLICATION NUMBER: US 07/739,861
FILING DATE: 03-AUG-1991
PRICK APPLICATION DATA:
APPLICATION NUMBER: US 07/552,183
FILING DATE: 13-JUL-1990
ATTOMENY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 13.4; DB 2;
Pred. No. 1.2e+03;
0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REPERENCE/DOCKET NUMBER: TKT90-01A2
TELECOMMUNICATION:
TELEPHONE: 617-861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-301-872A-7/c
; Sequence 7, Application US/08301872A
; Patent No. 5580734
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    , MOLECULE TYPE: DNA (genomic) US-08-443-372A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         67.0%;
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12 ggargcarracerae 26
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INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 42 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                     02173
                                                                                                                                                                                                                                                         CITY: Lexi
STATE: MA
                                                             US-08-443-372A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT:
                                                                                                                                                                                                                                                                                          COUNTRY:
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GENERAL INFORMATION:
APPLICANT: Treco, Douglas A.
APPLICANT: Miller, Allan M.
TITLE OF INVENTION: Library Screening Method
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: TEADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: BM PC compatible
COMPUTER: TEM PC compatible
OPERATURIS SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/443,372A
FILING DATE: 17-MAY-1995
CLLASSIFICATION ADATA:
APPLICATION NUMBER: US 08/301,872
PILING DATE: 06-SEP-1994
APPLICATION NUMBER: US 07/739,861
FILING DATE: 02-AUG-1991
RILING DATE: 02-AUG-1991
RILING DATE: 03-AUG-1991
PRICK APPLICATION NUMBER: US 07/552,183
PILING DATE: 13-JUL-1990
ATTONEY/AGENTION:
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REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: TKT90-01A2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 7, Application US/08443372A
Patent No. 5869239
                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          6 CATGCATTACGTACG 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      17 carecarracerase 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    -08-443-372A-7/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  02173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: Lex
STATE: MA
COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-08-301-872A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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TITLE OF INVENTION: Library Screening Method NUMBER OF SEQUENCES: 30 CORRESPONDENCE ADDRESS: ADDRESSE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive CITY: Learington STATE: MA
                                                                                                                                                                                                                                     MEDIUM TYPE: PLOPPY disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPRAING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/301,872A
FILING DATE: 06-SEP-1994
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 07/739,861
FILING DATE: 02-AUG-1991
PRIOR APPLICATION NUMBER: US 07/552,183
FILING DATE: 13-JUL-1990
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REGISTRATION NUMBER: 32,227
TELECOMMUNICATION INFORMATION:
TELEBRACOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC comparible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENY APPLICATION DATA:
APPLICATION NUMBER: US/08/301,872A
FILING DATE: 06-SEP-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              , MOLECULE TYPE: DNA (genomic) US-08-301-872A-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPAX: 617-861-3210
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 70 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            54 cardcarraceraes 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6 CATGCATTACGTACG 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14; Conservative
                                                                                                                                                                       COUNTRY: USA
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid STRANDEDNESS: doub
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 14; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Lexington STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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Gaps
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CLASSIPLCATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/739,861
FILING DATE: 02-AUG-1991
PRIOR APPLICATION DATA:
PILING DATE: 13-701-1990
ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION INFORMATION:
TELECOMMUNICATION INFORMATION INF
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TYPE: DNA
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                                                                                                                                              67.0%; Score 13.4; DB 2; Length 70; 93.3%; Pred. No. 1.3e+03; Live 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                             Sequence 8, Application US/08443372A
Patent No. 5869239
GENERAL INFORMATION:
APPLICANT: Treco, Douglas A.
APPLICANT: Miller, Allan M.
TITLE OF INVENTION: Library Screening Method
NUMBER OF SEQUENCES: 30
CORRESPONDENCE 3.
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
STREET: Two Millia Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: Patentin Release #1.0, Version #1.30 SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/443,372A FILING DATE: 1-AMY 1995 CLASSIFICATION NUMBER: US 08/301,872 PRIOR APPLICATION NUMBER: US 08/301,872 FILING DATE: 06-SEP-1994 APPLICATION NUMBER: US 07/739,861 PRIOR APPLICATION DATA: RILING DATE: 02-AUG-1991 PRIOR APPLICATION DATA: RILING DATE: 13-UUL-1990 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 13.4; DB 2;
Pred. No. 1.3e+03;
0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET UNBER: TK.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                         TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
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INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERRICS:
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93.3%;
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                           6 CATGCATTACGTACG 20
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Best Local Similarity 93.5.
Best Local 14; Conservative
                                                                                                                                                  Query Match
Best Local Similarity 93.33
Matches 14; Conservative
SEQUENCE CHARACTERISTICS:
LENGTH: 70 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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EDNESS: double
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STATE: MA
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17 CATGCATTACGTAGG 31

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Sequence 6, Application US/09535851A

Patent No. 6528636
GENERAL INFORMATION:
APPLICANT: Battelle Memorial Institute
APPLICANT: Battelle Memorial Institute
TITLE OF INVENTION: Producing Fungus Rhizopus Oryzae and a Method of Expressing a Ger
TITLE OF INVENTION: Producing Fungus Rhizopus Oryzae and a Method of Expressing a Ger
TITLE OF INVENTION: In Fungal Species
FILE REFERENCE: E-1891B
CURRENT PAPLICATION NUMBER: US/09/535,851A
CURRENT PILING DATE: 2000-03-27
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO 6
LENGTH: 33
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Sequence 27983, Application US/09513999C

Batent No. 6783961

APPLICANT: Dunama Milne Edwards, J.B.

APPLICANT: Dunama Milne Edwards, J.B.

APPLICANT: Dunama Milne Edwards, J.B.

APPLICANT: Giordano, J.Y.

APPLICANT: Giordano, J.Y.

APPLICANT: Giordano, J.Y.

APPLICANT: Giordano, J.Y.

Patent No. 6783961

FILE REFERENCE: 59.US2.REG

CURRENT APPLICATION NUMBER: US/09/513,999C

CURRENT PILING DATE: 2000-02-24

PRIOR APPLICATION NUMBER: 08 60/122,487
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66.0%; Score 13.2; DB 4; Length 33;

Best Local Similarity 83.3%; Pred. No. 1.5e+03;

Matches 15; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: oligonucleotide primer US-09-535-851A-6
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US-09-313-294A-292/c
; Sequence 292, Application US/09313294A
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Best Local Similarity 83.3%;
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GCATGCATGCATTACGTA
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SOFTWARE: Patent.pm
SEQ ID NO 27989
LENGTH: 152
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
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US-09-513-999C-27989
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Gaps

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FEACULE NO. 9. 03901.

SERVERAL INFORMATION:

APPLICANT: Dunmas Milne Edwards, J.B.

APPLICANT: Duclert, A.

APPLICANT: Duclert, A.

TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

PATLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

PATLE REFERENCE: 59.US2.REG

CURRENT APPLICATION NUMBER: US/09/513,999C

CURRENT APPLICATION NUMBER: US 60/122,487

PRIOR PILING DATE: 1999-02-26

NUMBER OF SEQ ID NOS: 36681

SOFTWARE: PATENT.

SOFTWARE: PATENT.

LENGTH: 182
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 25;
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Pred. No. 2.3e+03;
                                                                                                                   TITLE OF INVENTION: Methods of Genetic Analysis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 7, Application US/07720586

Patent No. 523281

GENERAL INFORMATION:

APPLICANT: Curt Milliman

APPLICANT: Philip W. Hammond

ITILE OF INVENTION: TO STREPFOCOCCUS PYOGENI

NUMBER OF SEQUENCES:

CORRESPONDENCE ADDRESS:

ADDRESSER: Lyon & Lyon

STREET: 611 West Sixth Street
                                                                                                                                       FILE REPERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT FILING DATE: 1999-09-15
FRIOR APPLICATION NUMBER: 60/100,678
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SOFTWARE: FatESEQ for Windows Version 4.0
ERNGTH: 25
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; Sequence 12286, Application US/09513999C
; Patent No. 6783961
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   64.0%; Scur.
87.5%; Pred
0; 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
CORGANISM: Mus musculus
US-09-396-196G-4287
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US-09-513-999C-12286
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STATE: California
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Best Local Similarity
Matches 14; Conserve
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**APPLICANT: Lalgudi, Raghunath V.

**APPLICANT: Lalgudi, Laura Y.

**APPLICANT: Ito, Laura Y.

**TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR

**FILE REPERENCE: PL-0017 US

**CURRENT APPLICATION NUMBER: US/09/313,294A

**CURRENT FILING DATE: 1999-05-14

**NUMBER OF SEQ ID NOS: 7600

**SEQ ID NO 292

**LENGTT.

**LENGTT.
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66.0%; Score 13.2; DB 4; Length 177;

Best Local Similarity 83.3%; Pred. No. 1.7e+03;

Matches 15; Conservative 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc feature
CTHER INFORMATION: Incyte ID No. 6476212 700548929H1
NAME/KEY: unsure
CACATION: 2, 6, 75-93
OTHER INFORMATION: a, t, c, g, or other
US-09-313-294A-292
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 4286, Application US/09396196G
Patent No. 6821724
GENERAL INPORMATION:
APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Lockhart
APPLICANT: David Lockhart
TITLE OF INVENTION: Methods of Genetic Analysis
FILE REFERENCE: 3101.1
CURRENT APPLICATION NUMBER: US/09/396,196G
CURRENT APPLICATION NUMBER: 099-09-15
PRIOR PILLING DATE: 1999-09-17
PRIOR FILLING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 127806
SEQ ID NO 4286
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Best Local Similarity 87.54
Matches 14; Conservative
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APPLICANT: Michael Mittmann
APPLICANT: David Mack
APPLICANT: David Cochart
APPLICANT: Affymetrix, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Affymetrix, Inc.
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; ORGANISM: Mus musculus
US-09-396-196G-4286
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Zea mays
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US-09-396-196G-4287
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aureus Polynucleotides and Sequences
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                                                                                                                                                                                                                                                               METHODS FOR ADMINISTRATION OF RECOMBINANTGENE DELIVERY VEHICLES FOR TREATMENT OF HEMOPHILIA AND OTHER DISORDERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      63.0%; Score 12.6; DB 4; Length 77; 78.9%; Pred. No. 3.3e+03; Live 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: MCMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 1155.005 / 930049.441C4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEPHONE: (206) 622-4900
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 77 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                       3: Seed Intellectual Property Law Group
701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/001,039B
FILING DATE: 13-JAN-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Steven C. Barash
Michael R. Fannon
TITLE OF INVENTION: Staphylococcus aureus Pol
NUMBER OF SEQUENCES: 5256
CORRESPONDENCE S.:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-956-171E-4834/c
; Sequence 4834, Application US/08956171E
; Patent No. 659314
; GENERAL INFORMATION:
                                                                                                       APPLICANT: CLEARY James APPLICANT: CLEARY James APPLICANT: DePolo, Nicholas J. APPLICANT: Bebolo, Nicholas J. APPLICANT: Hau, David Chi-Tang APPLICANT: Hau, David Chi-Tang APPLICANT: Lee, Will APPLICANT: CORRESPONDENCE ADDRESS: 84
CORRESPONDENCE ADDRESS: ADDRESSE: Seed Intellectual PR STREET: 701 Fifth Avenue, Suite CITY: Seattle STRATE: Washington COUNTRY: U. S.A.
ZIP: 98104.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gil H. Choi
Patrick S. Dillon
Craig A. Rosen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 49 GCATGCAAGCTTGGCGTAC 67
                                                              Jolly, Douglas J.
Chang, Stephen M.W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Charles Kunsch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 63.0
Best Local Similarity 78.9
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: Maryland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: nucleic acid STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY:
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Patent No. 6291660
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wendland, Juergen
APPLICANT: Detail Description
ITILE OF INVENTION: No. 6291660el Fungal Genes Required For No. 6291660mal Growth And
ITILE OF INVENTION: Development
TITLE OF INVENTION: Development
TITLE OF INVENTION: 1999-10-08
CURRENT PPLICATION NUMBER: US/09/415,522A
CURRENT PLING DATE: 1999-10-08
NUMBER OF SEQ ID NOS: 28
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 24
LENGTH: 65
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 12.6; DB 1; Length 26; Pred. No. 2.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 12.6; DB 3; Length 65;
Pred. No. 3.2e+03;
0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4; Indels
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb storage COMPUTER: IBM PS/2 Model 50Z or 55SX OPPERATING SYSTEM: IBM P.C. DOS (Version 3.30) SOFTWARE: WordPerfect (Version 5.0) CURRENT APPLICATION DATA: WORDPER: US/07/720,586 FILING DATE: 19910628 CLASSIFICATION DATA: WORDPER: US/07/720,586 FILING DATE: 19910628 CLASSIFICATION DATA: Holding application PRIOR APPLICATION DATA: Holding application PRIOR APPLICATION DATA: ABSTRICE DATE: WARDPLICATION NUMBER: TILING DATE: RAPLICATION NUMBER: ATTORNEY/AGENT INFORMATION: REFERENCE/DOCKET NUMBER: 193/121 TELECOMMUNICATION INFORMATION: TELECOMMUNICATION INFORMATION: TELEFANE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 7, Application US/09001039B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2 CATGCATGCATTACGTACG 20
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Best Local Similarity 78.9%;
Matches 15; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 78.9
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: 67-3510
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STRANDEDNESS: single TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUCLEIC ACID
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-415-522-24/c
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US-08-956-171E-4790/c
; Sequence 4790, Application US/08956171E
; Patent No. 6593114
; GENERAL INPORMATION:
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                                                                                                                                                                                                                                            2 CATGCATGCATTACGTACG 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 129 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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(301) 309-8504
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS
            TELEFAX: (301) 309-8512
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 108 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 78.9
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: Maryland
COUNTRY: USA
                                                                                  TYPE: nucleic acid
STRANDEDNESS: double
                                                                                                               ; TOPOLOGY: linear
US-08-781-986A-4834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-956-171E-4790
TELEPHONE:
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Patent No. 6737248
GENERAL INFORMATION:
APPLICANT: Charles Kunsch
TITLE OF INVENTION: Staphylococcus aureus Polymucleotides and Sequences
CORRESPONDENE ADDRESS: 5255
CORRESPONDENE ADDRESS: ADDRESS: ADDRESS: ADDRESSES Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland
         Query Match 63.0%; Score 12.6; DB 4; Length 108; Best Local Similarity 78.9%; Pred. No. 3.4e+03; Matches 15; Conservative 0; Mismatches 4; Indels (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER FRADABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: HP Vectre 486/33
COMPUTER: HP Vectre 486/33
COMPUTER: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/781,986A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION ANDRE:
APPLICATION: WAS:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: linear sequence sequence is SEQUENCE DESCRIPTION: SEQ ID NO: 4834: US-08-956-171E-4834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Benson, Bob
REGISTRATION NUMBER: 30,446
                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: (301) 309-8439
INFORMATION FOR SEQ ID NO: 4834:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 CATGCATGCATTACGTACG 20
                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 108 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: double
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 20850
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Gil H. Choi

Patrick S. Dillon
Craig A. Rosen
Steven C. Barash
Michael R. Fannon
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5.56
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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Query Match
63.0%; Score 12.6; DB 4; Length 108;
Best Local Similarity 78.9%; Pred. No. 3.4e+03;
Matches 15; Conservative 0; Mismatches 4; Indels (
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MEDIUM TYRE: Diskette, 3.50 inch, 1.4Mb Btorage COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/956,171B
FILING DATE: 20-Oct-1997
CLASSIFICATION NUMBER: 60/009,861
FILING DATE: January 5, 1996
APPLICATION NUMBER: 08/781,986
FILING DATE: January 3, 1997
ATTORNEY/AGENT INFORMATION:
NAME: MATK J. SHUMBER: 46,789
REGISTRATION NUMBER: 46,789
REFERENCE/DOCKET NUMBER: PB248P1
TELECOMMUNICATION NUMBER: PA-1-3-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-1-3-1-
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STREET: 9410 Key West Avenue
CITY: Rockville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 4790:
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; OTHER INFORMATION: n means any nucleotide US-09-270-767-27187
                                                               Query Match 63.0
Best Local Similarity 78.9
Matches 15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   15; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PERL Program
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Zea mays
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-513-999C-34984
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 26
LENGTH: 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE:
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                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Charles Kunsch
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5255
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STRIE: Maryland
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-270-767-27187/c

Sequence 27187, Application US/09270767

Sequence 27187, Application US/09270767

Sequence 27187, Application US/09270767

GENERAL INFORMATION:

APPLICANT: Homburger et al.

TITLE OF INVENTION:

FILE REFERENCE: FILE Reference: 7326-094

CURRENT APPLICATION NUMBER: US/09/270, 767

CURRENT FILING DATE: 1999-03-17

NUMBER OF SEQ ID NOS: 62517

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 27187

LENGTH: 144
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Pred. No. 3.4e+03;
0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 20850
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage
COMPUTER: HP Vectra 486/33
OPERATING SYSTEM: MSDOS version 6.2
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/781,986A
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION:
FILING DATE:
ATTORNEY/AGENT INPORMATION:
NAME: BENSON, BOB
REGISTRATION NUMBER: 30,446
REGISTRATION NUMBER: PB248PP
TELECOMMUNICATION INPORMATION:
TELEPHONE: (301) 309-8512
TELEPAX: (301) 309-8512
TELEPAX: (301) 309-8512
INFORMATION FOR SEQ ID NO: 4790:
SEQUENCE CHARACTERISTICS:
LENGTH: 129 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                         Sequence 4790, Application US/08781986A
Patent No. 6737248
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: Drosophila melanogaster
FEATURE:
2 CATGCATGCATTACGTACG 20
                            100 CTTGCATGTATTAGGCACG 82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 CATGCATGCATTACGTACG 20
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                    RESULT 25
US-08-781-986A-4790/c
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US-09-313-294A-26
Sequence 26, Application US/09313294A
Feet No. 6476212
GENERAL INFORMATION:
APPLICANT: Lagudi, Raghunath V.
APPLICANT: Ito, Laura Y.
TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN EAR
FILLE REFERENCE: PL-0017 US
FILLE REFERENCE: PL-0017 US
CURRENT APPLICATION NUMBER: US/09/313,294A
NUMBER OF SEQ ID NOS: 7600
                                                                                                                                                                                                                 WS-09-513-999C-34984

Sequence 34984, Application US/09513999C

Patent No. 678361

APPLICANT: Dunmas Milne Edwards, J.B.

APPLICANT: Duclert, A.

APPLICANT: Glordano, J.Y.

TILLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

Patent No. 678361

FILE REFERENCE: 59.US2.REG

CURRENT APPLICATION NUMBER: US/09/513,999C

CURRENT FILING DATE: 2000-02-24

PRIOR APPLICATION NUMBER: US 60/122,487

PRIOR APPLICATION NUMBER: 1999-02-26

NUMBER OF SEQ ID NOS: 36681

SOFTWARE: Patent.pm

SEQ ID NO 34984
                                                Gaps
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    Length 144;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 12.6; DB 4; Length 145;
Pred. No. 3.4e+03;
0; Mismatches 4; Indels
                                              4; Indels
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; OTHER INFORMATION: Incyte ID No. 6476212 700548351H1
US-09-313-294A-26
Score 12.6; DB 4;
Pred. No. 3.4e+03;
0; Mismatches 4;
                                                                                        2 CATGCATGCATTACGTACG 20
                                                                                                                                  33 checchieceracerece 15
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63.0%;
78.9%;
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Gaps ö

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GENERAL INFORMATION:
APPLICANT: LEINFELDER, Walfred,
APPLICANT: LEINFELDER, Walfred,
APPLICANT: LEINFELDER, Peter
TITLE OF INVENTION: Process for Preparing O-
TITLE OF INVENTION: Acetylserine, L-Cysteine and L-Cysteine-Related
TITLE OF INVENTION: Products
NUMBER OF SEQUENCES: 24
CORRESPENDENCE ADDRESS:
ADDRESSEE: Collard & Roe, P.C.
STERFT: 1077 No. 6218168thern Boulevard
                                                                                                                                                                                                                                                                                                                    Score 12.4; DB 2; Length 38;
Pred. No. 3.9e+03;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:

APPLICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 195 39 952

FILING DATE: 26-OCT-1995
ATTORNEY/AGENT INFORMATION:
NAME: Collard, Allison C.
REGISTRATION NUMBER: 22,532

REGISTRATION NUMBER: 22,532

REGISTRATION NUMBER: 26,048

REGISTRATION NUMBER: 25,033

REGISTRATION NUMBER: 1EINFELDER PCT
ATTORNEY/AGENT INFORMATION:
NAME: Richter, Elizabeth C.
REGISTRATION NUMBER: 35,103

REFERENCE/DOCKET NUMBER: LEINFELDER PCT
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 11576
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFWARE: WordPerfect Version 5.1 for DOS
CURRENY APPLICATION DATA:
APPLICATION NUMBER: US/09/065,104
     CURRENT APPLICATION NUMBER: US/09/097,759A
                           CURRENT FILING DATE: 1998-06-16

RABLIER APPLICATION NUMBER: DE 197 26

RABLIER FILING DATE: 1997-06-19

NUMBER OF SEQ ID NOS: 12

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 6

LENGTH: 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-065-104-24
; Sequence 24, Application US/09065104
; Patent No. 6218168
                                                                                                                                                                                                                                                                                                                       62.0%;
92.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             5 Argearracerage 18
                                                                                                                                                                                                               rype: DNA; DNA; ORGANISM: Recherichia coli US-09-097-759-6
                                                                                                                                                                                                                                                                                                                                                                     13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 38 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 13; Conserv
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STATE: New York
COUNTRY: U.S.A.
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APPLICANT: Winterhalter Mr., Christopher
APPLICANT: Winterhalter Mr., Walfred
APPLICANT: Leinfelder Mr., Walfred
TITLE OF INVENTION: Microorganisms and Processes for the Fermentative
TITLE OF INVENTION: Preparation of L-cysteine,
TITLE OF INVENTION: L-cysteine, N-acetylserine or Thiazolidine Derivatives
FILE REFERENCE: Winterhalter
                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Homburger et al.
TITLE OF INVENTION:
Nucleic acids and proteins of Drosophila melanogaster
FILE REFERENCE: FILE REFERENCE: 7126-094
CURRENT APPLICATION NUMBER: 18/09/270,767
CURRENT FILING DATE: 1999-03-17
NUMBER OF SEQ ID NOS: 62517
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 26772
LENGTH: 178
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Pred. No. 3.7e+03;
0; Mismatches 1; Indels
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US-09-196-196G-4285

Sequence 4285, Application US/09396196G

Patent No. 6821724

GENERAL INFORMATION:
APPLICANT: Michael Mittmann
APPLICANT: David Meak

APPLICANT: David Meak

APPLICANT: David Meak

APPLICANT: David Meak

TITLE OF INVENTION: Methods of Genetic Analysis

FILE REPERRENCE: 3101.1

CURRENT APPLICATION NUMBER: US/09/396,196G

CURRENT FILING DATE: 1999-09-15

PRIOR PILING DATE: 1998-09-17

NUMBER OF SEC ID NOS: 127806

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 4285

LEAGTH: 25
                                                                                                     US-09-270-767-26372
; Sequence 26372, Application US/09270767
; Patent No. 6703491
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 6, Application US/09097759A
Patent No. 5972663
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Drosophila melanogaster
US-09-270-767-26372
160 CATGCATGCTATACAGACG 178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 GCATGCATGCATTACGTAC 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  24 GCATGAATGCATTATATGC 42
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92.9%;
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illarity 78.9%;
Conservative
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Best Local Similarity 92.9
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; ORGANISM: Mus musculus
US-09-396-196G-4285
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
Matches 15; Conserv
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Query Match
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| Patent No. 5990091
| GENERAL INPORMATION:
| APPLICANT: COX, WILLIAM I.
| APPLICANT: COX, WILLIAM I.
| APPLICANT: PALLETT, ENCO
| APPLICANT: PALLETT, ENCO
| APPLICANT: PALLETT, ENCO
| APPLICANT: PALLETT, ENCO
| APPLICANT: PINCUS, STEVEN E.
| TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND TITLE OF INVENTION: WETHODS OF MAKING AND USES THEREOF
| NUMBER OF SEQUENCES: 48
| CORRESPONDENCE ADDRESS: CORRESPONDENCE
                                                                                                                                                                                                                                                                                                                                                                                                  ö
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                                                                                                                                                                                                                                                                                                                62.0%; Score 12.4; DB 3; Length 38; 92.9%; Pred. No. 3.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                              1; Indels
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MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: IBM PC compatible

COMPATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/816,155B

FILING DATE: 12-MAR-1997

CLASSIFICATION: 514

ATTORNEY/AGENT INFORMATION:

NAME: KOMALSKI, THOMAS J.

REGISTRATION NUMBER: 32,147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                     MOLECULE TYPE: miscellaneous nucleic acid DESCRIPTION: /desc = "oligonucleotide"
                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FROMMER LAWRENCE & HAUG LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            454310-2990
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-588-0800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 23: SEQUENCE CHARACTERISTICS: LENGTH: 59 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 745 FIFTH AVENUE
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         3 ATGCATGCATTACG 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            7 ATGCATTACGTACG 20
                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 92.9
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           13; Conservative
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                                                                                                                                                    LIBRARY: synthetic;
CLONE: CYSE-LHrev1
US-09-065-104-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           nucleic acid
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity
                                                                                                               IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 33
US-08-816-155B-23/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEPHONE:
TELEFAX: 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
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47 ATGCAAGCATTACG 34

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RESULT 34

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                                                         APPLICANT: TARTAGLIA, James
APPLICANT: GORBEL, Scott J.
APPLICANT: GORBEL, Scott J.
APPLICANT: GORTIC Russell R.
APPLICANT: GETTIG, Russell R.
APPLICANT: PINCUS, Steven E.
APPLICANT: PINCUS, Steven E.
APPLICANT: PACOETTI, Enzo
APPLICANT: PACOES Heattram L.
TITLE OF INVENTION: VECTORS HAVING ENHANCED EXPRESSION, AND METHODS OF
TITLE OF INVENTION: WAKING AND USES THEREOF
FILE REFERENCE: 454310-3010
CURRENT FILING DATE: 1997-03-12
NUMBER OF SEQ ID NOS: 23
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 3; Length 59;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FROMMER LAWRENCE & HAUG LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      454310-2990
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ZIF: 10151
COMPUTER READABLE FORM:
MEDIUM TYPE: Ploppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/816,155
FILING DATE: 12-MAR-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/079,587
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 23, Application US/09079587
Patent No. 6130066
GENERAL INFORMATION:
APPLICANT: TARTAGLIA, JAMES
APPLICANT: COX, WILLIAM I.
APPLICANT: GETTIG, RUSSELL R.
Sequence 8, Application US/08815809
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: KOWALSKI, THOMAS J. REGISTRATION NUMBER: 32,147 REPERENCE/DOCKET NUMBER: 45. TELECOMMUNICATION INFORMATION: TELEPHONE: 212-588-0800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: MARTINEZ, HECTOR
APPLICANT: PAOLETTI, ENZO
APPLICANT: PINCUS, STEVEN E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        62.0%;
92.9%;
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NEW YORK
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Matches 13; Conservative
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CORRESPONDENCE ADDRESS:
ADDRESSEE: FROMMER LAN
STREET: 745 FIFTH AVER
CITY: NEW YORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         212-588-0500
                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Vaccinia virus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: NEW YC
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-079-587-23/c
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Sequence 5, Application US/08386921
Patent No. 5824497
GENERAL INFORMATION:
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Patent No. 5807707

GENERAL INFORMATION:

APPLICANT: ANDEWS, David W

APPLICANT: HUGHES, Martin JG

APPLICANT: VASSILAKOS, Akacerini

TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF MENA

TITLE OF INVENTION: MOLECULES

NUMBER OF SEQUENCES: 22

CORRESPONDENCE ADDRESS:

ADDRESSEE: Suite 701, 330 University Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   62.0%; Score 12.4; DB 1; Length 138; 92.9%; Pred. No. 4.38+03; tive 0; Mismatches 1; Indels
                                                                                                                                                                                    Query Match 62.0%; Score 12.4; DB 3; Length 59; Best Local Similarity 92.9%; Pred. No. 40+03; Matches 13; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRAT APPLICATION DATA:
APPLICATION NUMBER: US/08/600,234
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US 08/386,921
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Stewart, Michael I
REGISTRATION NUMBER: 24,973
REFRENCE/DOCKET NUMBER: 1038
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
                                                                                                    TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 10-FEB-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                         3 ATGCATGCATTACG 16
                                                                                                                                                                                                                                                                                                              47 Argchagcarrace 34
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 92.9
Matches 13; Conservative
                     SEQUENCE CHARACTERISTICS:
LENGTH: 59 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: Canada
ZIP: M5G 1R7
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STATE: Ontario
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                              RESULT 36
US-08-600-234-5/c
                                                                                                                                             US-09-079-587-23
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RESULT 37

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APPLICANT: Name watter in the watter in the watter control of the
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US-08-386-921-9/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Bequence 11, Application US/08386921

Batent No. 5824497.

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Andrews, David W.

APPLICANT: Vassilakos, Akaterini

TITLE OF INVENTION: HIGH EFFICIENCY TRANSLATION OF MRNA

TITLE OF INVENTION: MOLEUCLES

NUMBER OF SECUENCES: 21

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION WHERR: US/08/386,921
FILING DATE: 10-FEB-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Sim & McBurney
STREET: Suite 701, 330 University Avenue
CURRENT APPLICATION DATA:
APPLICATION UNDER: US/08/386,921
FILING DATE: 10-FEB-1995
CLASSIFFCATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael 1.
REGISTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038-423
TELECOMUNICATION INFORMATION:
TYPE: NORDENCES: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
NAME: Stewart, Michael I.
REGIESTRATION NUMBER: 24,973
REFERENCE/DOCKET NUMBER: 1038
TELECOMMUNICATION INFORMATION:
TELEPHONE: (416) 595-1155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPAX: (416) 595-1163
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 144 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 CATGCATGCATTAC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           86 CAAGCATGCATTAC 73
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Best Local Similarity 92.84
....hes 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 92.99
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Toronto
STATE: Ontario
COUNTRY: Canada
ZIP: MSG 1R7
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 39
US-08-386-921-11/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                US-08-386-921-13
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RESULT 40

US-08-30-9/C

US-08-30-9/C

US-08-30-9/C

SGREAL INFORMATION:

APPLICANT: Address, David w.

APPLICANT: Address, David w.

APPLICANT: Hughes, Martin J.G.

APPLICANT: Wassilakos, Astactini

APPLICANT: Canada

COMPUTER: Suche 701, 330 University Avenue

STREE: Suite 701, 330 University Avenue

STREE: Suite 701, 330 University Avenue

COMPUTER: Suite 701, 330 University Avenue

STREE: Suite 701, 330 University Avenue

COMPUTER: Rabala: PorRM: PC-DOS/MS-DOS

COMPUTER: Rabala: PorRM: PC-DOS/MS-DOS

SOFTWARE: Ratenin RElease #1.0, Version #1.30

COMPUTER: Rabala: PorRM: PC-DOS/MS-DOS

SOFTWARE: Ratenin Release #1.0, Version #1.30

COMPUTER: Rabala: PorRM: NS-ORANICON:

APPLICANTON NAMER: 10-PES-195

CLASSIFTCATION NAMER: 10-PES-195

CLASSIFTCATION NAMER: 10-PES-195

ATTONINGY: AND NAMER: 10-PES-195

ATTONINGY: AND NAMER: 10-PES-195

TELEPAK: (416) 595-1163

TELEPA
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Sequence:

Scoring table:

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Title: Perfect score:

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Sequence 1694, Ap Sequence 1694, Ap Sequence 1691, App Sequence 1691, App Sequence 1691, App Sequence 1701, App Sequence 1601, App Sequence 1610, App Sequ
9 US-10-437-963-32687

9 US-10-719-900-102234

US-10-719-900-102234

US-10-719-900-102234

US-10-719-900-102234

US-10-724-599-15649

7 US-10-424-599-1567

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1 US-10-425-115-148817

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1 US-10-424-599-126131

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US-10-805-292-73
US-10-719-900-18304
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847, App
848, App
18303, A
665799,
178377,
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32, Appl
71654, A
                                                                                                                                                                                March 22, 2005, .09:20:43 ; Search time 710.833 Seconds (without alignments) 167.500 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Published Applications Nh:*

(cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
(cgn2_6/ptodata/2/pubpna/DS07_BW PUB.seq:*
(cgn2_6/ptodata/2/pubpna/DS06_NEW PUB.seq:*
(cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
(cgn2_6/ptodata/2/pubpna/US07_NEW PUB.seq:*
(cgn2_6/ptodata/2/pubpna/US08_NEW PUB.seq:*
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(cgn2_6/ptodata/2/pubpna/US08_NEW PUB.seq:*
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(cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
(cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
(cgn2_6/ptodata/2/pubpna/US00P_UBCOMB.seq:*
(cgn2_6/ptodata/2/pubpna/US00P_UBCOMB.seq:*
(cgn2_6/ptodata/2/pubpna/US108_PUBCOMB.seq:*
(cgn2_6/ptodata/2/pubpna/US10B_PUBCOMB.seq:*
(cgn2_6/ptodata/2/pubpna/US00B_PUBCOMB.seq:*
                            GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
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US-10-122-633-8
US-10-430-201-847
US-10-430-201-848
US-10-430-201-848
US-10-719-900-18303
US-10-719-900-665799
US-10-425-115-178377
US-10-282-122A-11843
US-10-437-963-71654
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5544816 seqs, 2976611598 residues
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Maximum Match 100%
Listing first 100 summaries
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Gapop 10.0 , Gapext 1.0
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Maximum DB seq length: 200
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Sequence 847, Application US/10430201
Publication No. US20040162679A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Li, Linhend
TITLE OF INVENTION: Method for Predicting Gene Potential and Cell Commitment
TITLE OF INVENTION: Models: US/10/430,201
CURRENT APPLICATION NUMBER: US/10/430,201
CURRENT PILING DATE: 2003-05-05
FRIOR APPLICATION NUMBER: US 60/370,114
PRIOR APPLICATION NUMBER: US 60/370,114
NUMBER OF SEQ ID NOS: 4879
SOFTWARE: Patentin version 3.2
SEQ ID NO 947
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 846, Application US/10430201

Publication No. US20040162679A1

GENERAL INFORMATION:
APPLICANT: Li, Linheng
TITIE OF INVENTION: Method for Predicting Gene Potential and Cell Commitment
FILE REFERENCE: 40716 (IP-010)
CURRENT APPLICATION NUMBER: US/10/430,201
CURRENT PELLOATION NUMBER: US/00/300,114
FRICR FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 4879
SOFTWARE: Patentin version 3.2
SEQ ID NO 846
LENGTH: 75
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100.0%; Score 20; DB 14; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.2;
Matches 20; Conservative 0; Mismatches 0; Indels
FILE REFERENCE: 0054.1088-019
CURRENT APPLICATION NUMBER: US/10/122,633
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR FILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: PRESEQ for Windows Version 4.0
SEQ ID NO 8
                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Synthetic DNA Fragment US-10-122-633-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GCATGCATGCATTACGTACG 20
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                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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CORGANISM: Mus musculus
US-10-430-201-846
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US-10-430-201-846/c
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                          Sequence 245635,
Sequence 363742,
Sequence 3037267,
Sequence 665798,
Sequence 665798,
Sequence 919238,
Sequence 41938,
Sequence 4834, Appli
Sequence 4834, Appli
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Sequence 20042, A
Sequence 36050, A
Sequence 36050, A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 8, Application US/10122633
; Publication No. US20030032611A1
; Publication No. US20030032611A1
; Publication No. US20030032611A1
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; ITILE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
      9 US-10-719-900-220477
9 US-10-719-900-363742
9 US-10-719-900-363742
9 US-10-719-900-655798
9 US-10-719-900-655798
9 US-10-719-900-685798
10S-10-719-900-88544
9 US-10-719-900-19238
7 US-10-719-900-19238
1 US-10-719-900-19238
1 US-10-719-900-19238
1 US-10-719-900-19238
1 US-10-719-900-19238
1 US-10-329-624-4834
8 US-10-425-115-42593
7 US-10-425-115-42593
7 US-10-425-535A-36050
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Sequence 178377, Application US/10425115
; Sequence 178377, Application No. US20040214272A1
; GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Cao, Yongwei
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
; TITLE OF INVENTION: Number: US/10/425,115
; CURRENT FILING DATE: 2003-04-28
; CURRENT FILING DATE: 2003-04-28
; NUMBER OF SEQ ID NOS: 369326
; SEQ ID NO 178377
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Pred. No. 3.2e+03;
0; Mismatches 3; Indels 0
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                           APPLICANT: Xue Mei Zhou
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 3528.1
CURRENT APPLICATION NUMBER: US/10/719,900
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 60/427,808
PRIOR PILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 665799
LENGTH: 25
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US-10-425-115-178377
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APPLICANT: Zamudio, Carlos
APPLICANT: Malone, Cheryl
APPLICANT: Haselbeck, Robert
APPLICANT: Ohlsen, Kari
APPLICANT: Zyskind, Judith
APPLICANT: Trawick, John
APPLICANT: Trawick, John
APPLICANT: Carr, Grant
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Forsyth, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
CORGANISM: Mus musculus
US-10-719-900-665799
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ORGANISM: Zea mays
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Publication No. US2004016267941
Publication No. US2004016267941
Publication No. US2004016267941
Publication No. US2004016267941
APPLICANT: LiM, Limbeng
TITLE OF INVENTION: Method for Predicting Gene Potential and Cell Commitment
FILE REFERENCE: 40716 (IP-010)
CURRENT APPLICATION NUMBER: US/10/430,201
CURRENT APPLICATION NUMBER: US 60/370,114
PRIOR FILING DATE: 2002-05-03
NUMBER OF SEQ ID NOS: 4879
SOFTWARE: Patentin version 3.2
LENGTH: 75
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                                                                          Length 75;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 72.0%; Score 14.4; DB 18; Length 75; Best Local Similarity 93.8%; Pred. No. 2.5e+03; Matches 15; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                     Indels
                                                               Query Match 72.0%; Score 14.4; DB 18; Best Local Similarity 93.8%; Pred. No. 2.5e+03; Matches 15; Conservative 0; Mismatches 1;
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US-10-430-201-847
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APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: APPLICANT: A Rosa, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Zhou, Yihua
APPLICANT: Boukharov, Andrey A.
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: 1010/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 71654
LENGTH: 175
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Li, Ping (1) and the problem of the molecules Associated With TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement; TITLE OF INVENTION: 91 (53221) B; CURRENT APPLICATION WMBER: 20/10/437,963; CURRENT PILING DATE: 20/03-05-14 NUMBER OF SEQ ID NOS: 20/4966 SEQ ID NO 32687
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Pred. No. 3.3e+03;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   71.0%; Score 14.2; DB 18;
84.2%; Pred. No. 3.3e+03;
iive 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , OTHER INFORMATION: Clone ID: PAT_MRT4530_72107C.1
US-10-437-963-71654
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US-10-437-963-32687
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 32687, Application US/10437963
Publication No. US20040123343A1
GENERAL INFORMATION:
                                                          Sequence 71654, Application US/10437963 Publication No. US20040123343A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: La ROSA, Thomas J.
APPLICANT: Kovalic, David K.
APPLICANT: Zhou, Yihua
APPLICANT: Cao, Yongwei
APPLICANT: Wu, Wei
APPLICANT: Boukharov, Andrey A.
APPLICANT: Barbazuk, Brad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2 CATGCATGCATTACGTACG 20
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84.2%;
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Best Local Similarity 84.2
Matches 16; Conservative
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Matches 16; Conservative
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ORGANISM: Oryza sativa
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                                        JS-10-437-963-71654/c
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: PELLETIER, Jerry
APPLICANT: GROS, Phillippe
APPLICANT: DUBOW, Michael
TITLE OF INVENTION: DNA SEQUENCES FROM STAPHYLOCOCCUS AUREUS BACTERIOPHAGE 44 AHJD
TITLE OF INVENTION: THAT ENCODE ANTI-MICROBIAL POLYPEPTIDES
FILE REPERENCE: 073406-0302
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### APPLICATION Identification of Essential Genes in Microorganisms FILE REFERENCE: ELITRA.034A
CURRENT APPLICATION NUMBER: 05/10/282,122A
CURRENT PLING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: 60/191,078
PRIOR PLILING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-23
PRIOR PELING DATE: 2000-05-26
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-10-23
PRIOR PELING DATE: 2000-10-23
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-11-27
PRIOR PELING DATE: 2000-12-22
PRIOR PELING DATE: 2000-12-22
PRIOR PELING DATE: 2000-12-22
PRIOR PELING DATE: 2001-12-22
PRIOR PELING DATE: 2001-12-24
PRIOR PELING DATE: 2001-02-09
PRIOR PELING DATE: 2001-12-24
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NUMBER OF SEQ ID NOS: 78614
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Pred. No. 3.3e+03;
0; Mismatches 3; Indels 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 14.2; DB 17;
Pred. No. 3.3e+03;
0; Mismatches 3;
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CURRENT FILING DATE: 2000-12-01
NUMBER OF SEQ ID NOS: 159
SOFTWARE: PatentIn version 3.0
LENGTH: 153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 32, Application US/09727892 Publication No. US20040091856A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Burkholderia cepacia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  71.0%;
84.2%;
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SEQ ID NO 11843
LENGTH: 141
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Best Local Similarity 84.2%;
Matches 16; Conservative
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Best Local Similarity
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COMPUTER READABLE FORM:
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Publication No. US20030054436A1
GENERAL INCORMATION:
GENERAL INCORMATION:
APPLICANT: Charles Kunsch
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
CORRESPONDENCE ADDRESS:
ADDRESSEE: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
STATE: Maryland
COUNTRY: USA
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Fublication No. US20050026164A1
GENERAL INFORMATION:
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REPREMENT: 352.1
CURRENT APPLICATION NUMBER: 05/27,808
FRIOR PELING DATE: 2003-11-20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
LENGTH: 25
                          Sequence 102233. Application US/10719900
; Bublication No. US20050026164A1
; GRNERAL INPORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REPRENCE: 3528 1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-111-20
; PRIOR PILING DATE: 2003-111-20
; PRIOR PILING DATE: 2002-11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 102233
                                                                                                                                                                                                                                                                                                                                                                                                                    69.0%; Score 13.8; DB 19; Length 25; 88.2%; Pred. No. 4.8e+03;
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CORGANISM: Mus musculus
US-10-719-900-102233
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; ORGANISM: Mus musculus
US-10-719-900-102234
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Best Local Similarity
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US-10-719-900-102234/c
                   US-10-719-900-102233/c
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US-08-781-986A-1694
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Sequence 1694, Application US/10329624
Publication No. US20040043037A1
GENERAL INPORMATION:
APPLICANT: Charles Kunsch
Gil H. Choi
Batrick S. Dillon
Craig A. Rosen
Steven C. Barash
Michael R. Fannon
TITLE OF INVENTION: Staphylococcus aureus Polynucleotides and Sequences
NUMBER OF SEQUENCES: 5226
CORRESPONDENCE ADDRESS:
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MEDIUM TYPE: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: BD Vectra 486/33

COMPUTER: HP Vectra 486/33

OPERATING SYSTEM: MSDOS version 6.2

SOFTWARE: ACCIT Text

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/329,624

FILING DATE: 27-De-2002

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/956,171

FILING DATE: January 5, 1996

APPLICATION NUMBER: 60/09,861

FILING DATE: January 5, 1996

APPLICATION NUMBER: 08/781,986

FILING DATE: January 5, 1997

ATTORNEY/AGENT INFORMATION:

NAME: Mark J. Hyman
COMPUTER: Diskette, 3.50 inch, 1.4Mb storage COMPUTER: HP Vectra 486/33 OPERATING SYSTEM: MSDOS version 6.2 OPETWARES ASCIT Text CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/781,986A FILING DATE: CLASSIFICATION A35 PRIOR APPLICATION DATA: APPLICATION NUMBER: ATLING DATE: APPLICATION NUMBER: ATLING DATE: ATLING DATE: ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSER: Human Genome Sciences, Inc.
STREET: 9410 Key West Avenue
CITY: Rockville
                                                                                                                                                                                                                                                                                             REGISTRATION NUMBER: 30,446
REGISTRATION NUMBER: 30,446
REPERRENCE/DOCKET WINBER: PB248PP
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 309-8504
TELEFRONE: (301) 309-8512
INFORMATION POR SEQ ID NO: 1694:
SEQUENCE CHARACTERISTICS:
LENGTH: 162 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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US-10-329-624-1694
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APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Rovalic David K
APPLICANT: Rovalic David K
APPLICANT: And Vihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILLING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 59127
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APPLICANT: La Rosa Thomas J
APPLICANT: Kovalic David K
APPLICANT: Zhou Yihua
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE RERERACE: 38-21(53223) B
CURRENT APPLICATION NUMBER: US/10/424,599
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 76527
LENGTH: 187
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                                                                                                                                 Query Match 69.0%; Score 13.8; DB 17; Length 177; Best Local Similarity 88.2%; Pred. No. 5.2e+03; Matches 15; Conservative 0; Mismatches 2; Indels 0.
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                          ; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT3847_101416C.1
US-10-424-599-1569
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  69.0%; Score 13.8; DB 17;
88.2%; Pred. No. 5.2e+03;
tive 0; Mismatches 2;
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; OTHER INFORMATION: Clone ID: PAT_MRT3847_24402C.1
US-10-424-599-59127
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US-10-424-599-76527
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OTHER INFORMATION: unsure at all n locations
FEATURE:
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Publication No. US20040031072A1
GENERAL INFORMATION:
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Publication No. US20040031072A1
GENERAL INFORMATION:
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Best Local Similarity 88.2
Matches 15; Conservative
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ORGANISM: Glycine max
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APPLICANT: La Rosa Thomas J
APPLICANT: La Rosa Incant: David K
APPLICANT: Rovalic David K
APPLICANT: Rovalic David K
APPLICANT: Cao Yongwei
TITLE CP INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21 (53223) B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 76449
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 1569, Application US/10424599
Publication No. US20040031072A1
Publication No. US20040031072A1
APPLICANT: La Rosa Thomas J
APPLICANT: Exceptic David K
APPLICANT: Zhou Yihua
APPLICANT: Cao Yongwei
TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5322)B
CURRENT APPLICATION NUMBER: US/10/424,599
CURRENT PILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 285684
SEQ ID NO 1569
ILENGTH: 177
TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 13.8; DB 17; Length 173;
Pred. No. 5.2e+03;
0; Mismatches 2; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Clone ID: PAT_MRT3847_40045C.1
US-10-424-599-76449
                     REFERENCE/DOCKET NUMBER: PB248P1D1
TELECOMMUNICATION INFORMATION:
                                                                                                                                                    | LENGTH: 162 base pairs | TYPE: nucleic acid | STRANDEDNESS: double | TOPOLOGY: linear | SEQUENCE DESCRIPTION: SEQ ID NO: 1694: US-10-329-624-1694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 76449, Application US/10424599
Publication No. US20040031072A1
GENERAL INFORMATION:
REGISTRATION NUMBER: 46,789
                                                                        TELEPHONE: (240) 314-1224
                                                                                           INFORMATION FOR SEQ ID NO: 1694:3
SEQUENCE CHARACTERISTICS:
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88.2%;
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Best Local Similarity 88.2°
Matches 15; Conservative
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US-10-242-535A-18933/c
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                                                                                                                                                                                                                                                    Sequence 148817, Application US/10425115
Sequence 148817, Application No. US20040214272A1
Sequence 148817, Application No. US20040214272A1
SEQUENCE 128004 Thomas J.
APPLICANT: La Rosa, Thomas J.
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Uncleic Acid Molecules and Other Molecules Associated With TITLE OF INVENTION: Plants
FILE REFERENCE: 38-21(5322)B
FILE REFERENCE: 38-21(5322)B
CURRENT FILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NOS: 369326
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69.0%; Score 13.8; DB 17; Length 187; 88.2%; Pred. No. 5.2e+03; ive 0; Mismatches 2; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           69.0%; Score 13.8; DB 18; Length 192; 88.2%; Pred. No. 5.2e+03; ive 0; Mismatches 2; Indels 0;
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TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 35.28.
CURRENT APPLICATION NUMBER: US/10/719,900
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 60/427,808
PRIOR FILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 573924
LENGTH: 25
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US-10-437-963-46744
; Sequence 46744, Application US/10437963
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Best Local Similarity 88.23
Matches 15; Conservative
                             Local Similarity 88.2 nes 15; Conservative
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US-10-719-900-573924
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ORGANISM: Zea mays
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       Query Match
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Sequence 18933, Application US/10242535A

Publication No. US20040013663A1

GENERAL INFORMATION:

APPLICANT: Chondrodene Inc.

APPLICANT: Lisew, C.C.

TITLE OF INVENTION: Compositions and Methods Relating to Osteoarthritis

FILE REFERENCE: 4231/2005

CURRENT FILING DATE: 2002-09-12

PRIOR APPLICATION NUMBER: US 10/085,783

PRIOR APPLICATION NUMBER: US 60/305,340

PRIOR PILING DATE: 2001-07-28

PRIOR FILING DATE: 2001-03-12

PRIOR FILING DATE: 2001-03-12

PRIOR PRILING DATE: 2001-03-28

PRIOR FILING DATE: 2001-03-28

NUMBER OF SEQ ID NOS: 58994

SEQ ID NO 18933

LENGTH: 165
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US-10-437-963-46744
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; Sequence 18933, Application US/10085783A
; Publication No. US20040037841A1
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ORGANISM: Oryza Bativa
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Zhou, Yihua
Cao, Yongwei
Wu, Wei
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Publication No. US20040214272A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT:
APPLICANTON:
Plants
FILE REFERENCE: 38-21(53222)B
CURRENT PRILING DATE: 2003-04-28
NUMBER OF SEQ ID NOS: 369326
SEQ ID NOS: 369326
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                                     APPLICANT: Liew, C.C.
TITLE OF INVENTION: Compositions and Methods Relatiing to Osteoarthritis
FILE REFERENCE: 4231/2012
CURRENT APPLICATION: Compositions and Methods Relatiing to Osteoarthritis
FILE REFERENCE: 4231/2020
CURRENT APPLICATION NUMBER: US/10/085,783A
CURRENT FILING DATE: 2001-07-18
PRIOR PAPLICATION NUMBER: US 60/275,017
PRIOR APPLICATION NUMBER: US 60/275,017
PRIOR APPLICATION NUMBER: US 60/271,955
PRIOR APPLICATION NUMBER: US 60/271,955
PRIOR FILING DATE: 2001-02-28
NUMBER OF SEQ ID NOS: 58994
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OTHER INFORMATION: unsure at all n locations
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; Publication No. US20040123343A1
GENERAL INFORMATION:
; APPLICANT: La Rosa, Thomas J.
; APPLICANT: Kovalic, David K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1 GCATGCATGCATTACGTACG 20
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Best Local Similarity 80.09
Matches 16; Conservative
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hes 16; Conservative
                       APPLICANT: ChondroGene Inc.
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FEATURE:
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; ORGANISM: Human
US-10-085-783A-18933
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US-10-425-115-15874
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Matches
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APPLICANT: Barbazuk, Brad
APPLICANT: Li, Ping
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Rice Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REPERBNCE: 38-21(53221)B
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT FILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 87658
LENGTH: 179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Deikman, Jill
APPLICANT: Peng, Paul C.C.
APPLICANT: Feng, Paul C.C.
APPLICANT: Fincher, Karen L.
APPLICANT: Ziegler, Todd E.
APPLICANT: Ziegler, Todd E.
TITLE OF INVENTION: Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: 18-21 (22.274) B
CURRENT APPLICATION NUMBER: US/10/021,323
CURRENT PILING DATE: 2001-12-12
PRIOR APPLICATION NUMBER: US 60/255, 619
PRIOR DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 17880
SEQ ID NO 16957
LENGTH: 187
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               68.0%; Score 13.6; DB 18; Length 179; 80.0%; Pred. No. 6.5e+03; Live 0; Mismatches 4; Indels 0
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TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 3528.1
CURRENT APPLICATION NUMBER: US/10/719,900
CURRENT FILING DATE: 2003-11-20
                                                                                                                                                                                                                                                                                                                                                      FEATURE:
; OTHER INFORMATION: Clone ID: PAT_MRT4530_86583C.1
US-10-437-963-87658
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Clone ID: LIB3829-026-Q6-N6-B3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 356387, Application US/10719900 Publication No. US20050026164A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 16957, Application US/10021323; Publication No. US20040123340A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                124 GGATCCAAGCTTTACGTACG 143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               124 GCATGCTTGCAACAAGTACG 143
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GCATGCATGCATTACGTACG 20
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Boukharov, Andrey A.
Barbazuk, Brad
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Gossypium hirsutum
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 80.0'
Matches 16; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 80.05
                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Oryza sativa
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i LOCATION: (1) ... (175)
i OTHER INFORMATION: n = A,T,C or G
US-09-728-444-656
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 93.3
Matches 14; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-632764
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Glycine max
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                 US-10-424-599-129131/c
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US-10-719-900-632764
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Best Local S
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APPLICANT: Zhou, Yihus
APPLICANT: Cao, Yongwei
TITLE OF INVENTION: Diants and Uses Thereof For Plant Improvement
TITLES OF INVENTION: Diants and Uses Thereof For Plant Improvement
FILE REPERENCE: 38-21(53535) BCURRENT APPLICATION NUMBER: US/10/767,701
CURRENT PILING DATE: 2004-01-29
NUMBER OF SEQ ID NOS: 63128
SEQ ID NO 21523
LENGTH: 165
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APPLICANT: Friedrich, Glenn
APPLICANT: Zambrowicz, Brian
APPLICANT: Zambrowicz, Brian
APPLICANT: Sands, Arthur T.
TITLE OF INVENTION: No. US20020161207A1e1 Murine Polynuclectide Sequences
TITLE OF INVENTION: and Mutant Cells and Mutant Animals Defined Thereby
FILE REFERENCE: LEX-0100-USA
CURRENT APPLICATION NUMBER: US/09/728,444
CURRENT APPLICATION NUMBER: US 60/168,360
PRIOR APPLICATION NUMBER: US 60/168,360
PRIOR PLING DATE: 1999-12-01
NUMBER OF SEQ ID NOS: 1206
SOUTHARE: PSSEC FOR WINDOWS VERSION 4.0
SEQ ID NO 656
LENGTH: 175
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                                                                                                                                                                                                                                                    Length 25;
PRIOR APPLICATION NUMBER: 60/427,808
PRIOR FILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 356387
LENGTH: 25
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                                                                                                                                                                                                                                               Query Match 67.0%; Score 13.4; DB 19;
Best Local Similarity 93.3%; Pred. No. 7.5e+03;
Matches 14; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 67.0%; Score 13.4; DB 18
Best Local Similarity 93.3%; Pred. No. 8.2e+03;
Matches 14; Conservative 0; Mismatches 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 21523, Application US/10767701
; Publication No. US20040172684A1
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Clone ID: 13239548
US-10-767-701-21523
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 656, Application US/09728444
Patent No. US20020161207A1
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                                                                                                                                                                                                                                                                                                                                             5 GCATGCATTACGTAC 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 GCATGCATGCATTAC 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Sorghum bicolor PEATURE:
                                                                                                                                                                       ORGANISM: Mus musculus US-10-719-900-356387
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FRATURE:
NAME/KEY: misc_feature
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US-09-728-444-656/c
                                                                                                                                                      TYPE: DNA
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Sequence 129131, Application US/10424599

Fublication No. US20040031072A1

GENERAL INFORMATION:
APPLICANT: La Rosa Thomas J

APPLICANT: APOLICANT: Cao Vongwei

TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(53223)B

CURRENT APPLICATION NUMBER: US/10/424,599

CURRENT FILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 285684

SEQUENCE: 100 NO 122131
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 632764, Application US/10719900

Sequence 632764, Application US/10719900

Publication No. US20050026164A1

GENERAL INFORMATION:

APPLICANT: Xue Mei Zhou

TITLE REPERENCE: 3528.1

CURRENT APPLICATION NUMBER: US/10/719,900

CURRENT PILING DATE: 2003-11-20

PRIOR PILING DATE: 2002-11-20

PRIOR FILING DATE: 2002-11-20

NUMBER: OF SEQ ID NOS: 982914

SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

LENGTH: 25
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Pred. No. 9.4e+03;
0; Mismatches 3; Indels (
Query Match 67.0%; Score 13.4; DB 9; Length 175; Best Local Similarity 93.3%; Pred. No. 8.2e+03; Matches 14; Conservative 0; Mismatches 1; Indele
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Clone ID: PAT_MRT3847_87610C.1 US-10-424-599-129131
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illarity 83.3%;
Conservative (
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                                                                                                                                                103 GCATGCATGCAATAC 89
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TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                          TYPE: DNA
CORGANISM: Glycine max
US-09-969-373-516
                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
Matches 15; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .10-674-124A-20469/c
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Sequence 703238, Application US/10719900
; Sequence 703238, Application US/10719900
; Publication No. US20050026164A1
; GENERAL INFORMATION:
; APPLICANT: Xiue Nei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; TILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR FILING DATE: 2003-11-20
; PRIOR FILING DATE: 2003-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 703238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 431, Application US/09969373
; Sequence 431, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR PILING DATE: 2001-01-03
; PRIOR PILING DATE: 2001-01-13
; PRIOR PILING DATE: 2001-01-13
; PRIOR FILING DATE: 2001-01-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 431
                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 13.2; DB 19; Length 25;
Pred. No. 9.4e+03;
0; Mismatches 3; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 9; Length 99;
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APPLICANT: Hauge, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping FILE REFERENCE: 38-10 (52679) A.
CURRENT APPLICATION NUMBER: US/09/969,373
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Pred. No. 1e+04
0; Mismatches
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Best Local Similarity 83.3%;
Matches 15; Conservative
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Best Local Similarity 83.3%;
Matches 15; Conservative (
                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Mus musculus
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CORGANISM: Glycine max
US-09-969-373-431
                                                                                                                                                                                                                                                                                                                                                                                                 US-10-719-900-703238
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US-09-969-373-516/c
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                                                                                                                                                                                                                                                                                                                              LENGTH: 25
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CTHER INFORMATION: Distance between 3'-terminus of neighbour sequence of OTHER INFORMATION: sequence listing upward to telomere on chrosomal short arm and; OTHER INFORMATION: 5'-terminus of this base sequence: 180092 US-10-674-124A-20469
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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APPLICANT: TAMINA, Gen

TITLE OF INVESTION: GENER MAPPING METHOD USING MICROSATELLITE

TITLE OF INVESTION: GENER MAPPING METHOD USING MICROSATELLITE

TITLE OF INVESTION: GENERIC POLYMORPHISM WARKERS

FILE REFERENCE: ORIN-003CIP

CURRENT APPLICATION NUMBER: US/10/674,124A

CURRENT FILING DATE: 2003-09-26

PRIOR FILING DATE: 2003-103-07

PRIOR APPLICATION NUMBER: PCT/JP00/07621

PRIOR APPLICATION NUMBER: JP2000-112699

PRIOR APPLICATION NUMBER: JP2000-112699

PRIOR PILING DATE: 2000-10-30

PRIOR FILING DATE: 2000-10-30

PRIOR FILING DATE: 2002-09-28

PRIOR FILING DATE: 2002-09-28

PRIOR FILING DATE: 2002-12-09

NUMBER OF SEQ ID NOS: 27110

SEQ ID NO 20469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 13.2; DB 18; Length 102;
Pred. No. 1e+04;
0; Mismatches 3; Indels 0
                                                                                                                                                                                                                                                                                                                                                                      66.0%; Score 13.2; DB 9; Length 99; 83.3%; Pred. No. le+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Located on chromosome 14
                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-01-13
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
LENGTH: 99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 20469, Application US/10674124A Publication No. US20040197797A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE: OTHER INFORMATION: DISO7_10003875
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GCATGCATGCATTACGTA 18
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83.3%;
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Best Local Similarity 83.3
Matches 15; Conservative
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Sequence 5712, Application US/10260238 Publication No. US20040016025A1 GENERAL INFORMATION:
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US-10-260-238-5712
                                                                                                                                                                                                                                                                                                            APPLICANT
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GENERAL INFORMATION:
APPLICANT: La Rosa, Thomas J.
APPLICANT: La Rosa, Thua
APPLICANT: Zhou, Yihua
APPLICANT: AND Wei
APPLICANT: Bubharov, Andrey A.
APPLICANT: Bubharov, Andrey A.
APPLICANT: Bubharov, Andrey A.
APPLICANT: Li, Ping
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement
FILE REFERENCE: 38-21(5321)8
CURRENT APPLICATION NUMBER: US/10/437,963
CURRENT PILING DATE: 2003-05-14
NUMBER OF SEQ ID NOS: 204966
SEQ ID NO 96687
       Sequence 65688, Application US/10424599

Publication No. US20040031072A1

GRNERAL INFORMATION:

APPLICANT: La Rosa Thomas J

APPLICANT: La Rosa Thomas J

APPLICANT: Cao Yongwei

TITLE OF INVENTION: Soy Nucleic Acid Molecules and Other Molecules Associated With

TITLE OF INVENTION: Plants and Uses Thereof for Plant Improvement

TITLE OF INVENTION: D16223)

CURRENT APPLICATION NUMBER: US/10/424,599

CURRENT PILING DATE: 2003-04-28

NUMBER OF SEQ ID NOS: 285684

SEQ ID NO 65688

LENGTH: 128
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 66.0%; Score 13.2; DB 17; Length 128; Best Local Similarity 83.3%; Pred. No. 1e+04; Matches 15; Conservative 0; Mismatches 3; Indels 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               66.0%; Score 13.2; DB 18; Length 131; 83.3%; Pred. No. 1e+04; tive 0; Mismatches 3; Indels 0.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Clone ID: PAT_MRT3847_30331C.1
US-10-424-599-65688
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       , OTHER INFORMATION: Clone ID: PAT_MRT4530_94760C.1
US-10-437-963-96687
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: unsure
LOCATION: (1)..(131)
OTHER INFORMATION: unsure at all n locations
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 96687, Application US/10437963
Publication No. US20040123343A1
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Matches 15, Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Glycine max
       US-10-424-599-65688/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-437-963-96687/c
                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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TITLE OF INVENTION: PROMOTERS FOR REGULATION OF PLANT EXPRESSION
FILE REPERENCE: 60111-NP
CURRENT APPLICATION NUMBER: US/10/260,238
CURRENT PILING DATE: 2002-09-26
PRIOR APPLICATION NUMBER: US 60/325,448
PRIOR APPLICATION NUMBER: US 60/325,277
PRIOR APPLICATION NUMBER: US 60/325,277
PRIOR PILING DATE: 2001-09-26
PRIOR FILING DATE: 2001-09-26
PRIOR PILING DATE: 2002-04-04
NUMBER OF SEQ ID NOS: 6077
SEQ ID NOS: 6077
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 13.2; DB 17; Length 138;
Pred. No. 1e+04;
0; Mismatches 3; Indels 0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Search completed: March 22, 2005, 19:09:48 Job time: 717.833 secs
APPLICANT: Budworth, Paul R.
APPLICANT: Moughamer, Todd G.
APPLICANT: Briggs, Steven P.
APPLICANT: Gooper, Bret
APPLICANT: Glazebrook, Jane
APPLICANT: Goff, Stephen A.
APPLICANT: Katagiri, Fumiyaki
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2 CATGCATGCATTACGTAC 19
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Ricke, Darrell
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Best Local Similarity 83.3
Matches 15; Conservative
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RESULT 40

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4 4 4 6 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		224222222422 2242222222222222222222222	122 4 2 2 2 2 2 3 2 3 3 3 3 3 3 3 3 3 3 3	Sequence 14, Appl Sequence 18, Appl Sequence 19, Appl Sequence 21, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 27, Appl Sequence 1, Appl Sequence 1, Appl Sequence 2, Appli Sequence 3, Appli Sequence 2, Appli Sequence 3, Appli Sequence 2, Appli Sequence 3, Appli Sequence 6, Appli Sequence 3, Appli Sequence 1, Appli Sequence 3, Appli Sequence 3, Appli Sequence 3, Appli Sequence 3, Appli Sequence 1, Appli Sequence 3, Appli Sequence 3, Appli
E2116889 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	US-08-030-019A-8 US-08-038-545-7 US-08-038-545-11 US-08-038-545-21 US-08-038-545-21 US-08-038-545-21 US-08-03-245-27 US-09-349-532-7 US-09-349-532-11 US-09-349-532-1	US-08-342-32-32-32-32-32-32-32-32-32-32-32-32-32	US-08-630-019A-39 US-08-630-019A-39 US-08-838-545-14 US-08-838-545-19 US-08-838-545-31 US-08-838-545-31 US-08-838-545-31 US-08-998-443-2 US-08-998-443-2	3 US-09-349-532-15 3 US-09-349-532-18 3 US-09-349-532-19 3 US-09-349-532-19 3 US-09-349-532-19 3 US-09-349-532-31 3 US-09-349-532-31 3 US-09-349-532-31 4 US-08-249-155A-57 4 US-09-249-155A-57 4 US-09-249-155A-57 4 US-09-657-445A-1 4 US-09-657-445A-1 4 US-09-657-445A-1 1 US-08-038-766-3 1 US-08-038-766-3 1 US-08-153-051B-2 1 US-08-153-051B-2
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28 33 33 34 34 34 34 34		0 000 000 0		7
GenCore version 5.1.6 t (c) 1993 - 2005 Compugen Ltd. h, using sw model 2005, 04:59:11; Search time 52 Seconds (without alignments) 188.801 Million cell updates/sec	-11 Gapext 1.0 818138359 residues ng chosen parameters: 1407054	i: 200	r of results predicted by chance to have a equal to the score of the result being print yais of the total score distribution. SUMMARIES DB ID Description	6 1 US-08-381-097A-3 Sequence 3, Appliance 108-081-097A-5 Sequence 4, Appliance 108-08-153-051B-4 Sequence 5, Appliance 108-08-153-051B-4 Sequence 2, Appliance 108-08-151-477A-4 Sequence 2, Appliance 108-08-151-477A-4 Sequence 3, Appliance 108-08-1729-59B-4 Sequence 3, Appliance 108-08-1729-59B-4 Sequence 3, Appliance 108-08-19-867-27 Sequence 27, Appliance 108-08-09-018-45-3 Sequence 1, Appliance 108-09-108-1535-3 Sequence 1, Appliance 108-09-178-1535-3 Sequence 15, Appliance 108-08-178-15 Sequence 15, Appliance 108-08-178-178-178-178-178-178-178-178-178-17
Copyright nucleic search, March 22, 20	US-09-540-843-1 6 1 ttaggg 6 IDENTITY_NUC Gapop 10.0 , Ga 1202784 seqs, 8 hits satisfying	length: 0 length: 200 3: Minimum Mat Maximum Mat Listing fil Issued Pate 1: /cgn2_6, 2: /cgn2_6, 3: /cgn2_6, 3: /cgn2_6, 5: /cgn2_6, 6: /cgn2_6, 6: /cgn2_6,	is the number reater than or ederived by analys the following the follow	

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OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FastSEQ Version 1.5
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Scott L. Weinrich
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Michael D. West
                                                                   United States
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Best Local Similarity luv.
Des Moines
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; ANTI-SENSE: NO
US-08-381-097A-5
                                                                                                     50309
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APPLICANT:
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APPLICANT:
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Sequence 3. Application US/08381097A

Patent No. 5643890

Patent No. 5643890

APPLICANT: Iverson, Patrick L.

APPLICANT: Mata, John E.

TITLE OF INVENTION: Synthesic Oligodeoxyribonucleotides

TITLE OF INVENTION: Which Mimic Telomeric Sequences for Use in the Treatment

TITLE OF INVENTION: of Cancer and Other Diseases

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Zarely, McKee, Thomte, Voorhees, & Sease

STREET: B01 Grand Suite 3200

CITY: Des Moines
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5, Application US/08381097A

Sequence 5, Application US/08381097A

Batent No. 5643890

GENERAL INFORMATION:
APPLICANT: Wata, John E.
TITLE OF INVENTION: Synthetic Oligodeoxyribonucleotides
TITLE OF INVENTION: Which Mimic Telomeric Sequences for Use in the Treatment TITLE OF INVENTION: of Cancer and Other Diseases
NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zarely, McKee, Thomte, Voorhees, & Sease
STREET: 801 Grand Suite 3200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 6;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Dea Moines

CITY: Dea Moines

COUNTRY: United States

COUNTRY: United States

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

COMPUTER: THEN PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/381,097A

FILING DATE: 31-JAN-1995

CLASSIFICATION NUMBER: 37,719

REFERENCE/DOCKET NUMBER: 37,719

REFERENCE/DOCKET NUMBER: 37,719

REFERENCE/DOCKET NUMBER: 37,719

REFERENCE/DOCKET NUMBER: 10mmc 63092

TELEFONE: 515-288-3667

TELEFONE: 515-288-1338

INPORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 6 base pairs

TYPE: MOLDEN CATABLE TICS:

LYPE: MOLDEN CATABL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2.7e+08;
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MOLECULE TYPE: other nucleic acid

HYPOTHETICAL: NO

MATI-SENSE: NO

US-08-381-097A-3
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Best Local Similarity 100.
Matches 6; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Catherine Strahl
APPLICANT: Michael J. McEachern
APPLICANT: Honayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
TITLE OF INVENTION: CONDITIONS RELATED TO TELEOMERE
TITLE OF INVENTION: LENGTH AND/OR TELOMERASE ACTIVITY
COMPUTER EAAABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/381,097A
FILING DATE: 31-JAN-1995
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: NEBEL, Heidi S
REGISTRATION NUMBER: 37,719
REFERENCE/DOCKET NUMBER: 37,719
REFERENCE/DOCKET NUMBER: UNIC 63092
TELECOMMUNICATION INFORMATION:
TELEFHONE: 515-288-3667
TELEFRAN: 515-288-3667
TELEFRAN: S15-288-3667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 6; DB 1; Lv 100.0%; Pred. No. 2.7e+08;
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-08-153-051B-4/c
; Sequence 4, Application US/08153051B
; Patent No. 5645986
; GENERAL INFORMATION:
APPLICANT: Michael D. West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Jerry W. Shay
Woodring E. Wright
Elizabeth Blackburn
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APPLICANT: ALIZADELI BLACKOLINI
APPLICANT: ALIZADELI BLACKOLINI
APPLICANT: Calvin B. Harley
APPLICANT: Scott L. Weinrich
APPLICANT: Scott L. Weinrich
APPLICANT: Scott L. Weinrich
APPLICANT: Greet Brand
APPLICANT: Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
TITLE OF INVENTION: LENGTH AND/OR TELOMERE
TENGTH ADDRESSES: Lyon & Lyon
STREET: 613 West Fifth Street
STREET: 613 West Fifth Street
STREET: 613 West Fifth Street
STREET: Galifornia
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/151,477A
FILING DATE: March 24, 1993
ATTORNEY AGENT NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 202/189
TELERCOMMUNICATION INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                        Length 6;
                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 6; DB 1;
100.0%; Pred. No. 2.7e+0
                         REPERENCE/DOCKET NUMBER: 210/085
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELERAX: (213) 955-0440
TELEX: 67-3510
INPORMATION POR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-337-684-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 4, Application US/08151477A Patent No. 5830644 GENERAL INFORMATION:
GAPPLICANT: Michael D. West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Michael D. West
Jerry W. Shay
Woodring E. Wright
Elizabeth Blackburn
      REGISTRATION NUMBER: 32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   JS-08-151-477A-4/c
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Patent No. 5686306

GENERAL INFORMATION

APPLICANT: West, Michael David

APPLICANT: West, Michael David

APPLICANT: Wright, Woodring E.

ITILE OF INVENTION: METHODS AND REAGENTS FOR

ITILE OF INVENTION: MEASURING TELOMERES

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: 1933 West Fifth Street

STREET: Suite 4700
                  PROBLICATION NUMBER: US/08/153,051B
FILING DATE: No. 5645986ember 12, 1993
PRIOR APPLICATION NUMBER: US/08/166
FILING DATE: March 24, 1993
APPLICATION NUMBER: 08/038,766
FILING DATE: March 24, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTATION NUMBER: 24,327
REFERENCE/DOCKET NUMBER: 204/195
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 955-0440
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 Diskette, 1.44 Mb
MEDIUM TYPE: 3.5 Diskette, 1.44 Mb
MEDIUM TYPE: 3.5 Diskette, 1.44 Mb
MEDIUM TYPE: BLOYAGE
COMPUTER: IBM Compatible
OOPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WOO'N DATA:
APPLICATION NUMBER: US/08/337,684
FILING DATE: No. 5686306ember 10, 1994
CLASSIPICATION: 514
PRIOR APPLICATION NUMBER: 08/151,477
FILING DATE: No. 5686306ember 12, 1993
APPLICATION NUMBER: 08/151,477
FILING DATE: No. 5686306ember 12, 1993
APPLICATION NUMBER: 08/153,051
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: No. 5686306ember 12, 1993
APPLICATION NUMBER: 08/060,952
FILING DATE: May 13, 1993
APPLICATION NUMBER: 08/038,766
FILING DATE: March 24, 1993
APPLICATION NUMBER: 07/882,438
FILING DATE: May 13, 1992
ATORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.0%;
Matches 6; Conservative (
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CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-153-051B-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
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DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Lvon & Lv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Los Angeles
California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 TTAGGG 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            , MOLECULE TYPE:
US-08-729-598-4
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                               Sequence 3, Application US/08670999
Sequence 3, Application US/08670999
Patent No. 5849727
GENERAL INFORMATION:
APPLICANT: Porter, Thomas R.
APPLICANT: Iverson, Patrick L.
TITLE OF INVENTION: Compositions and Methods for Altering
TITLE OF INVENTION: the Biodistribution of Biological Agents
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zarley, McKee, Thomte, Voorhees & Sease
STREET: Des Moines
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 6;
                                                                                            100.0%; Score 6; DB 2; Length 6; 100.0%; Pred. No. 2.7e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION TOWNER: US/08/670,999
                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Score 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PPLICALL...
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Nebel, Hedidi S.
REGISTRATION NUMBER: 37,719
REGISTRATION NUMBER: 37,719
REFERENCE/DOCKET NUMBER: unmcTELECOMMUNICATION INFORMATION:
TELEFRAX: 515-288-1367
FILEFRAX: 515-288-1367
FILEFRAX: 515-288-1388
FINFORMATION FOR SEQ. ID NO: 3:
SEQUENCE CHARACTERISTICS:
FRUGTH: 6 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-729-598-4
; Sequence 4, Application US/08729598
; Patent No. 6001657
; GENERAL INFORMATION:
APPLICANT: Hardin, Charles C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: Iowa
COUNTRY: United States
ZIP: 50309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                  6; Conservative
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: nucleic acid STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           linear
                                                                                            Query Match
Best Local Similarity
                                                                                                                                                                       1 TTAGGG 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ANTI-SENSE: YES
US-08-670-999-3
                                                       US-08-151-477A-4
                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 7
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Gaps
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                                                                                                                                                                                                                                                                                                      COUNTRY: USAN
ZIP: 27627
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC COMPAtible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/729,598
FILING DATE: 11-OCT-1996
CLASSIFTCATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Biswas, Sorojini J.
REGISTRATION NUMBER: 39,111
REGISTRATION NUMBER: 5051-301A
TELEPRANCATION NUMBER: 5051-301A
APPLICANT: Roberts, John J.
APPLICANT: Pelaue, Stephen J.
TITLE OF INVENTION: Antibodies That Selectively Bind
TITLE OF INVENTION: Quadruplex Nucleic Acids
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSER: Sorojini J. Biswas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Blizabeth H. Blackburn
APPLICANT: Nam Woo Kiin
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
TITLE OF INVENTION: CONDITIONS RELATED TO
TITLE OF INVENTION: TEOLOWERE LENGTH AND/OR
TITLE OF INVENTION: TEOLOWERE LENGTH AND/OR
TITLE OF INVENTION: TEOLOWERE LENGTH AND/OR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Scott L. Weinrich
Catherine M. Strahl
Michael J. Mceachern
Jerry Shay Wright
Blizabeth H. Blackburn
Nam Woo Kim
                                                                                                                                                                 ADDRESSEE: Sorojini J. Biswas
STREET: P.O. Box 37428
CITY: Raleigh
STATE: No. 6001657th Carolina
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 9, Application US/08819867
Patent No. 6007989
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633 West Fifth Street
Suite 4700
```

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Sequence 1. Application US/08630019A

Patent No. 6015710

GENERAL INFORMATION:

APPLICANT: Shay, Jerry W.

APPLICANT: Piatyszek, Mieczyslaw A.

APPLICANT: Ocery, David

APPLICANT: No. 6015710ton, James C.

ITLE OF INVENTION: Modulation of Mammalian Telomerase by

ITLE OF INVENTION: Modulation of Mammalian Telomerase by

TITLE OF INVENTION: Peptide Nucleic Acids

NUMBER OF INVENTION: Peptide Nucleic Acids

NUMBER OF SEQUENCES: 46

CORRESPONDENCE ADDRESS: 46

ADDRESSEE: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco

STREET: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 6; DB 3; Length 6; illarity 100.0%; Pred. No. 2.7e+08; Conservative 0; Mismatches 0; Indela
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COUNTRY: USA
COUNTRY: USA
CONPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: DatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-UIN-1996
FILING DATE: 09-UIN-1996
FILING DATE: 09-UIN-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAMME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001600US
TELECOMMUNICATION INFORMATION:
TELERFAX: (415) 576-0300
TELEFRAX: (415) 576-0300
                                 CURRENTING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FESTENG for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/819,867
FILING DATE: March 14, 1997
CLASSIFICTATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/153,051
FILING DATE: No. 6007989ember 12, 1993
APPLICATION NUMBER: 08/153,051
FILING DATE: No. 6007989ember 12, 1993
APPLICATION NUMBER: 34,561
REGISTRATION NUMBER: 34,561
REGISTRATION NUMBER: 34,561
REGISTRATION NUMBER: 34,561
RELEPAN: (213) 955-0440
TELEFAX: 67-1510
                       IBM Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 6; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: linear
US-08-819-867-27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 6;
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 810-826
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS S.O
SOFTWARE: PastSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/819,867
FILING DATE: March 14, 1997
CLASSIFFCATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/153,051
FILING DATE: No. 6007989ember 12, 1993
APPLICATION NUMBER: 224/232
FILING DATE: No. 6007989ember 12, 1993
APPLICATION NUMBER: 34,561
FILING DATE: APPLICATION NUMBER: 34,561
REPERENCE/DOCKET NUMBER: 34,561
REPERENCE/DOCKET NUMBER: 324/232
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
TELEPHONE: (213) 489-1600
TELEPHONE: 67-3510
INPORMATION POR SEQ ID NO: 9: SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
TYPE: mainter
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homayoun Vaziri
VENTION: THERAPY AND DIAGNOSIS OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CONDITIONS RELATED TO TEOLOMERE LENGTH AND/OR TELOMERASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 100.0%; Score 6; Best Local Similarity 100.0%; Pred. No. Matches 6; Conservative 0; Mismatc
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Woodring E. Wright
Blizabeth H. Blackburn
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Calvin B. Harley
Scott L. Weinrich
Cacherine M. Strahl
Michael J. Mceachern
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Patent No. 6007989
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Homayoun Vari
TITLE OF INVENTION: COND
TITLE OF INVENTION: TEOL
TITLE OF INVENTION: TEOL
TITLE OF INVENTION: TELC
NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     JS-08-819-867-27/c
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APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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1 TTAGGG 6
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                                                                    US-09-114-399-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
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                                                                                                                     MOLECULE TYPE: other nucleic acid

DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 3, Application US/09018545
; Sequence 3, Application US/09018545
; Patent No. 6087433;
; GENERAL INPORMATION:
APPLICANT: Wheelhouse, Richard T.
APPLICANT: HATLEY, Laurence H.
TITLE OF INVENTION: POPRHYRIN COMPOUNDS AS TELOMERASE;
TITLE OF INVENTION: INHIBITORS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
STREET: P.O. BOX 4433
CITY: Houston
                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 6; DB 3; Length 6; 100.0%; Pred. No. 2.7e+08; artive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                  Length 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/018,545
FILING DATE: CONCURRENTLY Herewith
                                                                                                                                                                                                                                                               100.0%; Score 6; DB 3; Lot 100.0%; Pred. No. 2.7e+08;
                                                                                                                                                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
ILING DATE: 05-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Kitchell, Barbara S.
REGISTRATION NUMBER: 33,928
REFERENCE/DOCKET NUMBER: UTSB:654
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (512) 418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
LYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100...
6; Conservative
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MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 6 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          nucleic acid
                                                                                                         linear
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US-09-018-545-3
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                                                                                                       TOPOLOGY:
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                                                                                                                                                                                                                                                                                               Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
                                                                                                                                                                                                                                                                                                                                               TEOLOMERE LENGTH AND/OR TELOMERASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSED for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILLING DATE: 20-Aug-1999
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Los Angeles
STATE: California
COUNTX: U.S.A.
ZIP. 90071-2066
COMPUTER RRADABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATPLICATION DAMAS

APPLICATION NUMBER: 08/819,867

FILING DATE: cUnknown

ATTORNEY/AGENT INFORMATION:
NAME: Chambers, Daniel M.

REGISTRATION NUMBER: 34,561

REFERENCE/DOCKET NUMBER: 224/232

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                 CONDITIONS RELATED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-378-535-27
                                                                                                                                                              Calvin B. Harley
Scott L. Weinrich
Catherine M. Strahl
Michael J. Meeachern
Jerry Shay
Woodring B. Wright
Blizabeth H. Blackburn
Nam Woo Kim
                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 633 West Fifth Street
Suite 4700
                                                                                            Sequence 27, Application US/09378535 Patent No. 6551774 GENERAL INFORMATION:
                                                                                                                                                APPLICANT: Michael D. West
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 6 base pairs
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INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES: 80
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      6; Conservative
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Best Local Similarity
Matches 6; Conserv
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1 TTAGGG 6
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                                                                   RESULT 15
US-09-378-535-27/c
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                                                 0; Indels
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                 Length 6;
                 100.0%; Score 6; DB 4; Le
100.0%; Pred. No. 2.7e+08;
                                                                                                                                                                                                                                                                                                                                                                                               Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
CONDITIONS RELATED TO
TEOLOMERE LENGTH AND/OR
TELOMERASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-206
COMPUTER READBLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                 0; Mismatches
                                                                                                                                                                                                                                        APPLICANT: Michael D. West
Calvin B. Harley
Scott L. Weinrich
Catherine M. Strahl
Michael J. Mceachern
Jerry Shay
Woodring E. Wright
Blizabeth H. Blackburn
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQ ID NO: 9: US-09-378-535-9
                                                                                                                                                               RESULT 14
US-09-378-535-9
; Sequence 9, Application US/09378535
; Patent No. 6551774
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                   Nam Woo Kim
               Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                 1 TTAGGG 6
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US-09-940-173A-1

1 TTAGGG 6

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APPLICANT: Morin, Gregg B.
APPLICANT: Morin, Gregg B.
APPLICANT: Allsopp, Richard
APPLICANT: DePinho, Ronald
APPLICANT: Depenberg, Roger
TITLE OF INVENTION: Mouse Telomerase Reverse Transcriptase
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Bighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CAMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPOTER: IBM PC compatible
COMPOTER: TEN PC compatible
COMPOTER: TEN PC COMPOSIME.
COMPOTER: TEN PC COMPOSIME.
SOFTWARE: Patentin Release #1.0, Version #1.30
CURSENT APPLICATION DATA:
APPLICATION NUMBER: US 08/09/042,460
FILING DATE: 16-MAR-1998
CLASSIFICATION NUMBER: US 08/724,643
FILING DATE: 01-CCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 09-MAY-1997
PRIOR APPLICATION NUMBER: US 08/851,312
PRIOR APPLICATION NUMBER: US 08/911,312
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Einhorn, Gregory P.
REGISTRATION NUMBER: 38,440
REFERENCE/DOCKET NUMBER: 015389-003110US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION UNDBER: US 08/915,503
FILING DATE: 14-AUG-1997
RIGNR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
RIOR APPLICATION DATA:
APPLICATION UNDBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US 08/974,549
FILING DATE: 19-NOV-1997
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/974,584 FILING DATE: 19-NOV-1997 PRIOR APPLICATION NUMBER: US 08/979,742 PILING DATE: 26-NOV-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
                                                                                                                                                   Sequence 7, Application US/09042460; Patent No. 6767719; GENERAL INFORMATION:
   1 TTAGGG 6
                                                                                                                                  US-09-042-460-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ö
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US-09-730-893-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Description of Artificial Sequence: Synthetic primer US-09-940-173A-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ;
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                                                                                   APPLICANT: REBOROFF, OLEG Y.
APPLICANT: REDOROFF, OLEG Y.
APPLICANT: REDOROFF, OLEG Y.
APPLICANT: HURLEY, LAURENCE H.
TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
TITLE OF INVENTION: INMERICANCE
TITLE OF INVENTION: INMER: 05/09/940,173A
CURRENT APPLICATION NUMBER: 08/09/940,173A
CURRENT APPLICATION NUMBER: 09/730,893
PRIOR FILING DATE: 2000-12-05
PRIOR FILING DATE: 1999-04-02
PRIOR FILING DATE: 1999-04-02
PRIOR FILING DATE: 1998-04-02
PRIOR FILING DATE: 1998-04-02
SRIOR FILING DATE: 1998-04-02
SROTWARE: PATENTIN VEY: 2.1
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APPLICANT: KENDROFF, OLEG Y.

APPLICANT: SELAZAR, MIGHEL

APPLICANT: SALAZAR, MIGHEL

APPLICANT: SALAZAR, MIGHEL

APPLICANT: HURLEY, LAURENCE H.

TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A

TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A

TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A

TITLE OF INVENTION: INHIBIT: 09/9/730,893

CURRENT APPLICATION NUMBER: 09/244,675

PRIOR FILING DATE: 1999-04-02

PRIOR FILING DATE: 1999-04-02

PRIOR FILING DATE: 1998-04-02

SOFTWARE: PALENTING VOIS: 12

SEQ ID NO 1

SEQ ID NO 1

LEMETH: 6

LEMETH: 6

LEMETH: APPLICATION VANDER: 01/073,629

PRIOR FILING DATE: 1998-04-02

NUMBER OF SEQ ID NOS: 12

SEQ ID NO 1

LEMETH: APPLICATION VANDER: 01/073,629

NUMBER OF SEQ ID NOS: 12

SEQ ID NO 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
100.0%; Score 6; DB 4; Le
Best Local Similarity 100.0%; Pred. No. 2.7e+08;
Matches 6; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 6; DB 4; Lv
100.0%; Pred. No. 2.7e+08;
ative 0; Mismatches 0;
Sequence 1, Application US/09940173A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 1, Application US/09730893
Patent No. 6689887
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 6; Conservative
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US-09-730-893-1
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Best Local Similarity
Matches 6; Conserva
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GENERAL INFORMATION:
APPLICANT: IVERSON, Patrick L.
APPLICANT: Mata, John B.
TITLE OF INVENTION: Synthetic Oligodeoxynucleotides Which
TITLE OF INVENTION: Mimic Telomeric Sequences for Use in the Treatment of
TITLE OF INVENTION: Cancer and other Diseases
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zarley, McKee, Thomte, Voorhees & Sease
                                                                                                                                                                                                                                                                                                                                                                                                                         ö
                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEB: Zarley, McKee, Thomte, Voorhees & Sease
: 801 Grand Avenue Suite 3200
Des Moines
                                                                                                                                                                                                                                                       NAME/KEY: -
| INCOATION: 1..6
| OTHER INFORMATION: /note= "human telomeric repeat"
US-09-042-460-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: lowa COUNTRY: United States COUNTRY: United States ZIP: 50109 COMPUTER READABLE FORM: MEDIUM TYPE: Rloppy disk COMPUTER: RLOPPY disk COMPUTER: PLAP PC-DOS/MS-DOS SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: PCT/US96/01206 FILING DATE:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
BILING DATE: 31-DAN-1995
ATTORNEY/AGENT INFORMATION:
NAME: NEBEL! Heid! S.
REGISTRATION NUMBER: 37,719
REFERENCE/DOCKET NUMBER: 17719
TELECOMONICATION INFORMATION:
TELECHONE: 515-288-3667
TELEFRAX: 515-288-1338
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100...
6; Conservative
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STRANDEDNESS: sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TTAGGG 6
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PCT-US96-01206-1
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DB 5; Length 6;

100.0%; Score 6;

Query Match

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                                                                                                                                                                                                           Sequence 8, Application US/08729598
Patent No. 6001657
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Brown II, Bernard A.
APPLICANT: Brown II, Bernard A.
APPLICANT: Pelaue, Stephen A.
ITLE OF INVENTION: Autibodies That Selectively Bind
ITLE OF INVENTION: Quadruplex Nucleic Acids
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: SOCOJINI J. Biswas
STREET: P.O. Box 37428
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 6; DB 3; Length 7; 100.0%; Pred. No. 2.3e+08;
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APPLICANT: KERMIN, SEAN M.

APPLICANT: PEDOROPP, OLEG Y.

APPLICANT: AALAZAR, MIGUEL

APPLICANT: HURLEY, LAURENCE H.

TITLE OF INVENTION: INHEBITION OF HUMAN TELOMERASE BY A

TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND

FILE REFERENCE: UTSB:679USD2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE PATENTIN Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/729,598 FILING DATE: 11-0CT-1996 CLASSIFICATION: 530 ATTORNEY/AGENT INFORMATION:
NAME: Blewas, Sorolini J. REGISTRATION NUMBER: 39,111 REFERENCE/DOCKET NUMBER: 5051-301A TELECOMMUNICATION INFORMATION:
Pred. No. 2.7e+08;
0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 6, Application US/09940173A Patent No. 6623930
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Rainer CITY: Rainer Country: USA
ilarity 100.0%;
Conservative 0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEPHONE: (919) 854-1400
TELEPAX: (919) 854-1401
INFORMATION FOR SEQ ID NO: 8: SECUENCE CHARACTERISTICS:
LENGTH: 7 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: not relevant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100..
                                                                   1 TTAGGG 6
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US-09-940-173A-6
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                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                          ) OTHER INFORMATION: Description of Artificial Sequence: Synthetic ; OTHER INFORMATION: Primer US-09-940-173A-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Primer
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Facent No. 668987
GENERAL INFORMATION:
APPLICANT: KERMIN, SEAN M.
APPLICANT: EMENORPE, OLEG Y.
APPLICANT: BALAZAR, MIGUEL
APPLICANT: HURLEY, LAURENCE H.
TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND
FILE REPRENCE: UTS85.6790C1
CURRENT APPLICATION NUMBER: U5/09/730,893
CURRENT FILING DATE: 1999-04-02
PRIOR APPLICATION NUMBER: 06/073,629
PRIOR PILING DATE: 1998-04-02
PRIOR FILING DATE: 1998-04-02
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PACENTIN VOES: 12
SOFTWARE: PACENTIN VOES: 2.1
                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 6; DB 4; Length 7; 100.0%; Pred. No. 2.3e+08; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 6; DB 4; Length 7; 100.0%; Pred. No. 2.3e+08;
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CURRENT APPLICATION NUMBER: US/09/940,173A CURRENT FILING DATE: 2002-06-24
      PRIOR APPLICATION NUMBER: 09/730, 93
PRIOR FILING DATE: 2002-06-24
PRIOR FILING DATE: 2000-12-05
PRIOR PLILING DATE: 1999-04-02
PRIOR PLLING DATE: 1999-04-02
PRIOR PLLING DATE: 1999-04-02
PRIOR PLLING DATE: 1999-04-02
PRIOR PLLING DATE: 1999-04-02
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin Ver: 2.1
SEQ ID NO 6
LENGTH: 7
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US-08-838-545-15
; Sequence 15, Application US/08838545
; Patent No. 6046307
; GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
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                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 6, Conservative
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Best Local Similarity 100...
6; Conservative
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TTAGGG 6
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US-09-730-893-6
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/desc = "peptide nucleic acid (PNA),
where (deoxy/tibose-phosphate linkages are replaced by
N-(2-aminoethyl)glycine units linked to nucleotide bases via
glycine amino N through a methylenccarbonyl linker"
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APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids
CORRESPONDENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Potetyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                       COUNTRY: USA
ZIP: 94111-3834
COMPUTER READBALE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 6; DB 3; 100.0%; Pred. No. 2e+08;
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APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-0016
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 30, Application US/08838545
Patent No. 6046307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 8 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: San Francisco
STATE: California
COUNTRY: USA
                                                                                                                                                                                                                                                  California
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MOLECULE TYPE:
DESCRIPTION:
DESCRIPTION:
DESCRIPTION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,545
                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: modified_base
                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                LENGTH: 8 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: 1
OTHER INFORMATION:
OTHER INFORMATION:
OTHER INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION:
OTHER INFORMATION:
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Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-349-532-15
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: linear
TOPOLOGY: linear
MOLECULB TYPE: other nucleic acid (PNA),
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy(ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide base
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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Factoric 34, Application US/08838545

GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Oorey, David R.
APPLICANT: No. 6046307tcn, James C.
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 6; DB 3; Length 8; 100.0%; Pred. No. 2e+08; ive 0; Mismatches 0; Indels
COMPUTER: PALLIA 9934

MEDIUM TYPE: Floppy disk
COMPUTER: PELOPSY MS-
COMPUTER: PELOPSY MS-
COMPUTER: PELOPSY MS-
COMPUTER: PECTOS MS-
COMPUTER: PECTOS MS-
COMPUTER: PETCHIN Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIPICATION: 536
PILING DATE: 09-APR-1996
ATCHNEY AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELEPHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 30:
SEQUINCE CHARACTERISTICS:
LERNGTH: 8 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OFFANTARE: Patentin: F. 203/m3.05
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
PILING DATE: 09-APR-1997
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SSEE: Townsend and Townsend and Crew LLP
I: Two Embarcadero Center, Eighth Floor
Prancisco
California
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patener Pair----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US 08/630,019
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APPLICATION NUMBER:
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Best Local Similarity
Matches 6; Conserv
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p DESCRIPTION:
p DESCRIPTION:
p DESCRIPTION:
p DESCRIPTION:
US-08-838-545-30
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/mod_base= OTHER /note= "N = 1-50 peptide nucleic acid nucleobases, selected fit, T, A, G, i or C"
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                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear MONECULE TYPE: other nucleic acid (PNA), DESCRIPTION: /deec = "peptide nucleic acid (FNA), DESCRIPTION: where (decoxy(ribose-phosphate linkages are replaced by DESCRIPTION: where (decoxy(ribose-phosphate linkages are replaced by DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
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Fatent No. 6294650
GENERAL INFORMATION:
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6294650ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 Score 6; DB 3; Length 8; Similarity 100.0%; Pred. No. 2e+08; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOPTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Righth Floor CITY: San Prancisco STATE: California
/mod_base= OTHER
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APPLICATION NUMBER: US/09/349,532
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NAME/KEY: modified base
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/desc = "peptide nucleic acid (PNB), where (deoxy(ribose-phosphate linkages are replaced by NB-(2-aminoethyl)glycine units linked to nucleotide bases via glycine amino N through a methylenecarbonyl linker"
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                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                       ;
0
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APPLICANT: Wright, Woodring E.
APPLICANT: Corey, David R.
APPLICANT: Corey, David R.
APPLICANT: No. 6294650cn, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase
TITLE OF INVENTION: Peptide Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Bighth Floor STRIE: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    015389-001610US
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PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER: 08 4838,545
FILING DATE: 09 -APR-1996
FILING DATE: 09 -APR-1996
ATTORNEY AGENT INFORMATION:
NAME: Storella, John R.
REGISTATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-0016
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: COUNTRY: USA
ZIP: 9411-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
TWOTTER: IBM PC COMPALIBLE
TWOTTER: TEM PC COMPALIBLE
TWOTTER: TEM PC COMPALIBLE
TWOTTER: TEM PC COMPALIBLE
TWO
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APPLICATION NUMBER: US/09/349,532
                                                                                                                                            other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 34, Application US/09349532
Patent No. 6294650
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
    INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                    6; Conservative
                                                    8 base pairs
                                                                                                 single
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STRANDEDNESS: single
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CORRESPONDENCE ADDRESS:
                                                                       nucleic acid
                                                                                                                         linear
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Best Local Similarity
Matches 6; Conserv
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MOLECULE TYPE:
DESCRIPTION:
                                                                                          STRANDEDNESS:
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DESCRIPTION:
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DESCRIPTION:
DESCRIPTION:
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                                                                                                                                                                                                                                                          US-09-349-532-30
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where (deoxy(ribose-phosphate linkages are replaced by
N-(2-aminoethyl)glycine units linked to nucleotide bases via
glycine amino N through a methylenecarbonyl linker"
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APPLICANT: Wright, Woodring E.

APPLICANT: Piatyszek, Mieczyslaw A.

APPLICANT: Orevy, David R.

APPLICANT: No. 6294650ton, James C.

TITLE OF INVENTION: Modulation of Mammalian Telomerase by

TITLE OF INVENTION: Peptide Nucleic Acids

NUMBER OF SEQUENCES: 60

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 8;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: DEATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 6; DB 3; 100.0%; Pred. No. 2e+08;
              APELICATION NUMBER: US 08/630,019
FILING DATE: 09-AFR-1996
ATOONEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 015389-001610US
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,545
FILING DATE: 09-APR-1997
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-196
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 32,944
RECISTRATION NUMBER: 32,944
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Mismatches
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; Sequence 30, Application US/09349532
; Patent No. 6294650
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09-APR-1997
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                        LENGTH: 8 base pairs
                                                                                                                                                                                                                                                                                                                                                  linear
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Best Local Similarity
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DESCRIPTION:
DESCRIPTION:
DESCRIPTION:
DESCRIPTION:
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FILING DATE:
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Gaps
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TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERABE BY A TITLE OP INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND; FILE REFERENCE: UTSB:679908C1
CURRENT APPLICATION NUMBER: US/09/730,893
CURRENT FILING DATE: 2000-12-05
FRIOR APPLICATION NUMBER: 09/244,675
FRIOR APPLICATION NUMBER: 00/073,629
FRIOR APPLICATION NUMBER: 60/073,629
FRIOR PILING DATE: 1999-04-02
FRIOR PILING DATE: 1998-04-02
SOFTWARE: PACENTIN VEY: 2.1
SEQ ID NO 4
LENGTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 3, Application US/08337684
; Patent No. 5686306
; GENERAL INFORMATION:
APPLICANT: West, Michael David
APPLICANT: West, Michael David
APPLICANT: Wright, Woodring E.
TITLE OF INVENTION: METHODS AND REAGENTS FOR
TITLE OF INVENTION: METHODS AND REAGENTS
CORRESPONDENCE ADDRESS:
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: 633 West Fifth Street
CITY: Los Angeles
STREET: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 5.5" Diskette
COMPUTER: 18M Compatible
OPERATING SYSTEM: 18M P.C. DOS 5.0
SUSTEMBRE: WORD PERFECT 5.1
CURRENT APPLICATION DATA:
PILING DATE: NO. 5686306ember 10, 1994
FILING DATE: NO. 5686306ember 10, 1994
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
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FILING DATE: No. 5686306ember 12, 1993
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FILING DATE: No. 5686306ember 12, 1993
APPLICATION NUMBER: 08/060,952
FILING DATE: May 13, 1993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/085
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/036
FILING DATB: March 24, 199
APPLICATION NUMBER: 07/882
FILING DATB: May 13, 1992
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity
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US-08-337-684-3
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                                                                           OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "N = 1-50 peptide nucleic acid nucleobases, selected
OTHER INFORMATION: U, T, A, G, i or C"
PEATURE:
                                                                                                                                                                                                                                                         /mod_base= OTHER /note= "N = 1-50 peptide nucleic acid nucleobases, selected U, T, A, G, i or C"
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          DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Description of Artificial Sequence: Synthetic; ; OTHER INFORMATION: Primer US-09-940-173A-4
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: KERNIN, SEAN M.
APPLICANT: REDOROFF, OLEG Y
APPLICANT: SALAZAR, MIGUEL
APPLICANT: HURLEY, LAURENCE H.
TITLE OF INVENTION: G-QUADRUBLEX-INTERACTION COMPOUND
TITLE OF INVENTION: G-QUADRUBLEX-INTERACTION COMPOUND
FILE REPERENCE: UTGB:679USD2
CURRENT APPLICATION NUMBER: 09/730, 893
PRIOR APPLICATION NUMBER: 09/730, 893
PRIOR PILING DATE: 2000-12-05
PRIOR PILING DATE: 1999-04-02
PRIOR PILING DATE: 1999-04-02
PRIOR FILING DATE: 1998-04-02
PRIOR PILING DATE: 1998-04-02
SOFTWARE: PALCATION NUMBER: 60/073, 629
PRIOR FILING DATE: 1998-04-02
SOFTWARE: PALCATION NUMBER: 60/073, 629
PRIOR PILING DATE: 1998-04-02
SOFTWARE: PALCATION NUMBER: 60/073, 629
FRIOR PILING DATE: 1998-04-02
SOFTWARE: PALCATION NUMBER: 60/073, 629
FRIOR PILING DATE: 1998-04-02
SOFTWARE: PALCATION VOF: 2.1
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100.0%; Pred. No. 2e+08;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                      Length 8;
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Patent No. 6689887
GENERAL INFORMATION:
APPLICANT: KERWIN, SEAN M.
APPLICANT: REDOROFY, OLEG Y.
APPLICANT: SALAZAR, MIGUEL
APPLICANT: HURLEY, LAURENCE H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-940-173A-4
; Sequence 4, Application US/09940173A
; Patent No. 6623930
                                                                                                                                                                                                        NAME/KEY: modified_base
LOCATION: 8
OTHER INPORMATION: /mod_b.
OTHER INFORMATION: /note=
OTHER INFORMATION: U, I,
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                                 FEATURE:
NAME/KEY: modified_base
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Best Local Similarity 100...
6, Conservative
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Best Local Similarity 100.
Matches 6; Conservative
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TELECOMMUNICATION INFORMATION:

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Query Match
Best Local Similarity 100.v
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /desc = "peptide nucleic acid (PNA),
where (decxy)ribose-phosphate linkades are replaced by
N-(2-aminoethyl) glycine units linked to nucleotide bases via
glycine amino nitrogen through a methylenecarbonyl linker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Paryszek, Mieczyslaw A.
APPLICANT: Corey, David
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match

100.0%; Score 6; DB 1; Length 9;
Best Local Similarity 100.0%; Pred. No. 1.8e+0%;
Matches 6; Conservative 0; Mismatches 0; Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IEM PC compatible
COMPUTER: IEM PC compatible
COPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTING SYSTEM: DC-DOS/MS-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLLASSIFICATION: 336
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REFERRICE/DOCKET NUMBER: 015389-001600US
TELEPRANCE/DOCKET NUMBER: 015389-001600US
TELEPRANCE/DOCKET NUMBER: 015389-01600US
TELEFRANCE/DOCKET NUMBER: 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SSEE: Townsend and Townsend and Crew LLP
F: Two Embarcadero Center, Eighth Floor
San Francisco
Callfornia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
100.0%; Score 6; DB 3; Le
Best Local Similarity 100.0%; Pred. No. 1.8e+08;
Matches 6; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 27, Application US/08630019A Patent No. 6015710
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       other nucleic acid
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INPORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY: linear
US-08-337-684-3
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US-08-630-019A-27
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US-08-630-019A-27
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Gaps
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                                                                                                                                                          APPLICANT: HARDIN, Susan H.
APPLICANT: YING, Jun
APPLICANT: YING, Jun
APPLICANT: YING, Jun
APPLICANT: YING, Jun
TITLE OF INVENTION: DNA Replication Templates Stabilized by
TITLE OF INVENTION: Guanine Quartets
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSE: Fulbright & Jaworski L.L.P.
STRET: 1301 McKinney, Suite 5100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 16, Application US/08838545
Patent No. 6046307
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Wooding E.
APPLICANT: Patyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307con, James C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 6; DB 3; Length 9; 100.0%; Pred. No. 1.8e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADDRESSEE: Fulbright & Jaworski L.L.P.
STREET: 1301 McKinney, Suite 5100
CITY: Houston
CITY: Houston
CITY: TO.0.305
COUNTRY: U.S.A.
ZIP: 77010-3095
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/069,434
FILING DATE:
CLASSIPTATION NUMBER: US/09/069,434
FILING DATE:
FLING DAYIDSON, ROSE E.
REGISTRATION NUMBER: P-01480USO
TELEPEATION NUMBER: P-0144
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Sequence 14, Application US/09069434 Patent No. 6017709 GENERAL INFORMATION:
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Gaps ; 0

0; Indels

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MOLECULE TYPE: other nucleic acid (PNA), DESCRIPTION: /desc = "peptide nucleic acid (PNA), DESCRIPTION: where (decoxy(ribose-phosphate linkages are replaced by DESCRIPTION: where (decoxy(ribose-phosphate linkages are replaced by DESCRIPTION: N.(2-aminoethy)]alycine units linked to nucleotide bases via DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 6; DB 3; Length 9; 100.0%; Pred. No. 1.8e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Yang, Yih-Sheng
APPLICANT: Yang, Xih-Sheng
APPLICANT: Tucker, Philip W.
APPLICANT: Tucker, Dinald
TITLE OF INVENTION: CONSTRUCTION OF RECOMBINANT DNA BY
TITLE OF INVENTION: EXONUCLEASE RECESSION
NUMBER OF SEQUENCES: 23
CORRESPONDENCES: 23
CORRESPONDENCES ADRESS:
ADDRESSEE: Arnold, White & Durkee
  PatentIn Release #1.0, Version #1.30
                                                                                       FILLNG DATE:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/838,545
FILLNG DATE: 09-APR-1996
APPLICATION NUMBER: US 08/630,019
FILLNG DATE: 09-APR-1996
ATTORNEY AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 136,946
REGISTRATION NUMBER: 156,020
TELEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0200
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDENNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Mismatches
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COMPUTER: IBM PC Compatible
OMPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII-DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/192,300
FILING DATE: February 3, 1994
CLASSIFICATION: 535
ATTORNEY/AGENT INFORMATION:
NAME: Denise L. Mayfield
REGISTRATION NUMBER: 33,732
REFERENCE/DOCKET NUMBER: UTSD:327
TELECOMMUNICATION: INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                        CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/349,532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 18, Application US/08192300 ; Patent No. 5580759
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  6; Conservative
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CITY: Houston
STATE: Texas
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 77210
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 6; Conserva
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ZIP: 77210
  SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-349-532-16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (decoxy(ribose-phosphate linkages are replaced by
DESCRIPTION: N-(2-aminoethyl)alycine units linked to nucleotide bases via
DESCRIPTION: glycine amino N through a methylenecarbonyl linker"
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APPLICANT: Wright, Woodring E.
APPLICANT: Platyszek, Mieczyslaw A.
APPLICANT: Corey, David Meczyslaw A.
APPLICANT: Orey, David Meczyslaw A.
APPLICANT: No. 6294650ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 6; DB 3; Length 9; 100.0%; Pred. No. 1.8e+08;
                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMPACIBLE
COMPOTER: IBM PC COMPACIBLE
COMPOTER: IBM PC COMPACIBLE
CONTANE: PATENTIN Release #1.0, Version #1.30
SOCTANE: PATENTIN DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
APLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTOMERY/AGERT INPORMATION:
                     CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        015389-001610US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0; Mismatches
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 16, Application US/09349532
Patent No. 6294650
GENERAL INFORMATION:
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ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC COMpatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Storella, John R. REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 011
TELECOMMUNICATION: INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPAX: (415) 576-0200
TELEPAX: (415) 576-0300
INPORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  San Francisco
California
NUMBER OF SEQUENCES:
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DESCRIPTION:
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                                                                                                                                                         COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Windle, Bradford E.
APPLICANT: Windle, Bradford E.
APPLICANT: Chen, Shi-fong
APPLICANT: Chen, Shi-fong
APPLICANT: Teletcher, Terace M.
APPLICANT: Maine, Ira
ITTLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
INUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSES: Arnold, White & Durkee
STREET: P.O. Box 4433
                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                       0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READBLE FORM:
MEDLIUM TYPE: PLOPPY disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: PatentIn Release #1.0, Version #1.30
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,743
FILING DATE: 20-SEP-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
REASTSTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: 37,642
REGISTRATION NUMBER: 37,642
FELEPHONE: (512) 418-3000
TELEFOCOMUNICATION INFORMATION:
TELEPHONE: (512) 418-7577
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                                                                                                                                                DB 1; Le
8.8e+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 6; DB 2; Le
100.0%; Pred. No. 8.8e+04;
                                                                                                                                                                                                                     0; Mismatches
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                                                                                                                                                                           Query Match 100.0%; Score 6; Best Local Similarity 100.0%; Pred. No. Matches 6; Conservative 0; Mismatch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: United States of America ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 10, Application US/08531743
; Patent No. 5856096
                                                                                  MOLECULE TYPE: Oligonucleotide US-08-192-300-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ;
INFORMATION FOR SEQ ID NO:
                  SEQUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
                                                 TYPE: Nucleic acid
STRANDEDNESS: single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   6; Conservative
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    linear
                                                                                                                                                                                                                                                                                                  5 Traggg 10
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Best Local Similarity
Matches 6; Conserv
                                                                                                                                                                                                                                                            1 TTAGGG 6
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US-08-531-743-10
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RESULT 38

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other nucleic acid (PNA), desc = "poptide nucleic acid (PNA), where (deoxy)ribose-phosphate linkages are replaced by N. (2-aminoethyl)glycine units linked to nucleotide bases via glycine amino nitrogen through a methylenecarbonyl linker"
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                                                                                   GENERAL INPORTATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Wright, Wedering E.
APPLICANT: Platysek, Mieczyslaw A.
APPLICANT: Platysek, Mieczyslaw A.
APPLICANT: Corey, David
APPLICANT: Corey, David
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Bighth Floor
CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ô
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Patent No. 6046307

GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Misczyglaw A.
APPLICANT: Piatyszek, Misczyglaw A.
APPLICANT: Corey, David R.
APPLICANT: Corey, David R.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCES: 60
CORRESPONDENCES: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match

100.0%; Score 6; DB 3; Length 10;

Best Local Similarity 100.0%; Pred. No. 8.8e+04;

Matches 6; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEPAK: (415) 576-0300
INPORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: Carry USA

ZIP: 94111-8834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

"CARTITER: IBM PC compatible
"CARTITER: IBM PC compatible
"CARTITER: OF CARTITER: OF CART
Sequence 8, Application US/08630019A
Patent No. 6015710
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TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      linear
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MOLECULE TYPE:
DESCRIPTION:
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US-08-630-019A-8
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DESCRIPTION:
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STATE: Ca
COUNTRY:
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Search completed: March 22, 2005, 10:49:18
Job time : 53 secs
                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:

NAME/KEY:

LOCATION: 1..10

COTHER INFORMATION:

US-08-838-545-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /desc = "peptide nucleic acid (PNA),
where (deoxy/ribose-phosphate linkages are replaced by
N.(2-aminoethyl)glycine units linked to nucleotide bases via
glycine amino N through a methylenecarbonyl linker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Shay, Jerry W. APPLICANT: Wright, Woodring E. APPLICANT: Wright, Woodring E. APPLICANT: PlatyBack, Mieczyslaw A. APPLICANT: Corey, David B. APPLICANT: Corey, David B. TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids NUMBER OF SEQUENCES: 60 CORRESPONDENCE ADDRESS: 60 CORRESPONDENCE ADDRESS: ADDRESSER: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Bighth Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 9411-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
                                                                                                                                       COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 6; DB 3; Le
100.0%; Pred. No. 8.8e+04;
                                                                                                                                                                                                                                                                                           PRIOR APPLICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
PILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REFERRICE/DOCKET NUMBER: 32,944
REFERRICE/DOCKET NUMBER: 32,944
TELECHMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LEMGTH: 10 base pairs
TYPE: nucleic acid
STRANDENES: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             other nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 11, Application US/08838545 Patent No. 6046307 GENERAL INFORMATION:
                                                                      ZIP: 94111-3834
COMPUTER READABLE PORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
San Francisco
: California
RY: USA
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DESCRIPTION:
DESCRIPTION:
DESCRIPTION:
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                                                    COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-08-838-545-7
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 6; DB 3; Length 10;
100.0%; Pred. No. 8.8e+04;
tive 0; Mismatches 0; Indels
CLASSIPICATION: 536
PRIOR APPLICATION DATA:
PAPLICATION NUMBER: US 08/630,019
PPLING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: SECOFILA, JOHN R.
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELECHONE: (415) 576-0200
TELECHONE: (415) 576-0300
INFORMATION FOR SEQ 1D NO: 11:
SEQUENCE CHARACTERISTICS:
SEGUENCE CHARACTERISTICS:
LENGTH: 10 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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us-09-540-843-11.rnpb

	100.0 6 18 US-10-705-531-15 Sequence 1 100.0 6 18 US-10-775-818-1 Sequence 1 100.0 7 9 US-10-730-893-6 Sequence 6, 200.0 7 9 US-10-775-818-6 Sequence 6, 200.0 7 10 US-10-775-818-6 Sequence 6, 200.0 8 9 US-09-740-173A-4 Sequence 6, 200.0 8 10 US-09-740-173A-4 Sequence 7 100.0 8 10 US-09-75-818-6 Sequence 1 100.0 8 10 US-10-775-818-4 Sequence 1 100.0 9 9 US-10-775-818-4 Sequence 1 100.0 10 13 US-10-033-145-56 Sequence 1 100.0 10 13 US-10-033-145-56 Sequence 1 100.0 10 13 US-10-033-145-51 Sequence 1 100.0 10 13 US-10-033-145-13 Sequence 1 100.0 10 13 US-10-033-145-13 Sequence 1 100.0 10 13 US-10-033-145-1694 Sequence 1 100.0 10 15 US-10-044-539-294 Sequence 2 100.0 10 15 US-10-044-539-294	US-10-390-045-41 US-10-330-627-129 US-10-330-627-1296 US-10-330-627-1296 US-10-330-627-1298 US-10-330-627-1298 US-10-330-627-1439 US-10-325-810-527 US-10-877-124-527 US-10-877-124-527 US-10-877-124-527 US-10-877-124-527 US-09-057-131-4 US-09-057-131-2 US-09-057-131-7 US-09-057-131-7 US-09-057-131-7 US-09-057-131-7 US-09-057-131-7 US-09-057-131-7 US-09-122-630-9 US-10-122-630-9 US-10-122-630-9 US-10-122-633-9 US-10-122-633-9 US-10-122-633-9 US-10-122-633-9	100.0 11 10 US-10-539-33-14 Sequence 2 100.0 11 17 US-10-439-935-2 Sequence 2 100.0 11 17 US-10-439-935-2 Sequence 2 100.0 11 17 US-10-314-322-27 Sequence 2 100.0 11 17 US-10-314-322-27 Sequence 2 100.0 11 18 US-10-181-823-16 Sequence 2 100.0 11 18 US-10-181-823-16 Sequence 2 100.0 11 18 US-10-181-823-16 Sequence 1 100.0 11 18 US-10-831-26-1 Sequence 1 100.0 11 19 US-10-831-26-1 Sequence 1 100.0 11 19 US-10-831-26-1 Sequence 1 100.0 12 8 US-08-463-404-2 Sequence 3, 100.0 12 8 US-08-463-404-7 Sequence 3, 100.0 12 9 US-09-68-35-31-39 Sequence 3, 100.0 12 9 US-09-68-35-31-39 Sequence 1, 100.0 12 9 US-09-68-35-1 Sequence 1, 100.0 12 9 US-09-96-35-31-39 Sequence 1, 100.0 12 9 US-09-96-35-31-39 Sequence 1, 100.0 12 9 US-09-98-464-11 Sequence 1, 100.0 12 10 US-09-98-64-11 Sequence 1, 100.0 12 10 US-09-98-11 US-09-98-11 US-09-98-11 US-09-98-11 US-09-98-11 US-09-98-11 US-0
econds	ell updates/sec 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	data/2/pubpna/US07_PUBCOMB.seq:* data/2/pubpna/US07_NEW_PUB.seq:* data/2/pubpna/US06_NEW_PUB.seq:* data/2/pubpna/US06_NEW_PUB.seq:* data/2/pubpna/US06_PUBCOMB.seq:* data/2/pubpna/US08_NEW_PUB.seq:* data/2/pubpna/US08_NEW_PUB.seq:* data/2/pubpna/US08_NEW_PUB.seq:* data/2/pubpna/US08_NEW_PUB.seq:* data/2/pubpna/US09_PUBCOMB.seq:* data/2/pubpna/US09_PUBCOMB.seq:* data/2/pubpna/US09_PUBCOMB.seq:* data/2/pubpna/US09_PUBCOMB.seq:* data/2/pubpna/US09_NEW_PUB.seq:* data/2/pubpna/US09_NEW_PUB.seq:* data/2/pubpna/US10_PUBCOMB.seq:*	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution. C 67

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ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                US-09-907-279-2
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                                                                                                                                                Matches
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Sequence 49, Application US/09735363A

Patent No. US201004168A1

GENERAL INFORMATION:

APPLICANT: Fillon, Mario

APPLICANT: Fillon, Mario

TILE OF INVENTION: Therapeutically Useful Synthetic Oligonucleotides

FILE REPERENCE: 02811-0181

CURRENT APPLICATION NUMBER: US/09/735,363A

CURRENT APPLICATION NUMBER: 60/170,325

PRIOR PILING DATE: 1999-12-13

PRIOR PLILING DATE: 1999-12-13

PRIOR FILING DATE: 2000-08-29

NUMBER OF SEQ ID NOS: 87

SEQ ID NOS: 87

SEQ ID NO 49

LENGTH: 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 29, Application US/09817387

Fatent No. US2010039263A1

GRNERAL INFORMATION:

APPLICANT: Max-Delbruck-Centrum fur Molekulare Medizin

TITLE OF INVENTION: Chimeric Oligonucleotides and the Use Thereof

FILE REFERENCE: 101195-24

CURRENT APPLICATION UNMBER: US/09/817,387

CURRENT FILING DATE: 2001-03-26

FRIOR PPLICATION NUMBER: DE 197 20 151.2

PRIOR FILING DATE: 1997-05-02

NUMBER OF SEQ ID NOS: 29

SOFTWARE: Patentin Ver. 2.1

LENGTH: 6
                                                                                                                        Sequence
                                                                                                                                                                                          Sequence
                                                                                                                                                                                                                                                     Sequence
                                                             Sequence
                                                                                                       Sequence
                                                                                                                                                                  Sequence
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US-09-817-387-29
                                           Seguence
                                                                                   Sequence
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                                US-10-117-108A-41
US-10-117-108A-53
US-10-323-032-39
US-10-323-032-3
US-10-323-032-3
US-10-232-927A-18
US-10-232-927A-19
US-10-682-130-4
US-10-682-11
US-10-61165-552
US-10-61165-552
US-10-61165-552
US-10-61165-552
US-10-61165-552
US-10-61165-552
US-10-70-766-11
                                                                                                                                                                                                                                                                                                                US-10-686-713-11
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Best Local Similarity 100.
Matches 6; Conservative
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-730-893-1
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Heller, Adam
TITLE OF INVENTION: CATHODIC PROTECTION OF NUCLEIC ACID SEQUENCES
FILE REPERENCE: 11154.41USID
CURRENT APPLICATION NUMBER: US/09/907,279
FILENG APPLICATION NUMBER: US 60/218,959
PRIOR FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 6
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
LENGTH: 6
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APPLICANT: REDOROFF, OLEG Y.

APPLICANT: SALAZAR, MIGHEL

APPLICANT: HURLEY, LAURENCE H.

TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A

TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A

TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND

FILE REFERENCE: UTSB: 679050730, 893

CURRENT APPLICATION NUMBER: US/244, 675

PRIOR FILING DATE: 1999-04-02

PRIOR PLILING DATE: 1999-04-02

PRIOR FILING DATE: 1999-04-02

PRIOR FILING DATE: 1999-04-02

NUMBER OF SEQ ID NOS: 12

SEQ ID NO 1
                                                                                                                              0; Indels
                                                                               Length 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 6; DB 9; Length 6; Best Local Similarity 100.0%; Pred. No. 9.6e+08; Matches 6; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: artificial oligonucleotide sequence US-09-907-279-2
                                                            n
Similarity 100.0%; Pred. No. 9.6e+08;
6; Conservative 0; Mismatches
; OTHER INFORMATION: Synthetic Oligonucleotide US-09-735-363A-49
                                                                                                                                                                                                                                                                                                                                                    Sequence 2, Application US/09907279
Publication No. US20020068296A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/09730893
Patent No. US20020107258A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                       Query Match
Best Local Similarity
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NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 11
LENGTH: 6
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                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 6; Conservative
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US-10-122-633-11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: REDOROFF, OLEG Y.
APPLICANT: SALAZAR, MIGUEG Y.
APPLICANT: SALAZAR, MIGUEG Y.
APPLICANT: HURLEY, LAURENCE H.
TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A TITLE OF INVENTION: G-OUADRUPLEX-INTERACTION COMPOUND FILE REFERENCE: UTSB: 679USD CURRENT APPLICATION NUMBER: US/09/940,173A CURRENT FILING DATE: 2002-06-24 PRIOR PLILING DATE: 2002-12-05 PRIOR PLILING DATE: 2000-12-05 PRIOR PLILING DATE: 2000-12-05 PRIOR PLILING DATE: 1999-04-02 PRIOR PLILING DATE: 1999-04-02 PRIOR PLILING DATE: 1999-04-02 PRIOR PLILING DATE: 1999-04-02 PRIOR PLILING DATE: 1998-04-02 PRIOR PRIO
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| Publication No US20030032610A1
| GENERAL INFORMATION:
| APPLICANT: Glichreet, Barbara A.
| APPLICANT: Glichreet, Barbara A.
| APPLICANT: Eller, Mark S.
| APPLICANT: Yaar, Mina
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using
| TITLE OF INVENTION: Oligonuclectides
| FILE REFERENCE: 0054.1088-018
| CURRENT APPLICATION NUMBER: US 08/467,012
| PRIOR PILING DATE: 1995-06-06
| PRIOR PILING DATE: 1996-06-03
| PRIOR FILING DATE: 1996-03-26
| PRIOR FILING DATE: 1998-03-26
| PRIOR PILING DATE: 1998-03-26
| PRIOR PILING DATE: 1998-03-26
| PRIOR PILING DATE: 2000-03-31
| PRIOR PILING DATE: 2001-03-30
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                                            Length 6;
                                                                                                                      0; Indels
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                                        100.0%; Score 6; DB 9; Le 100.0%; Pred. No. 9.6e+08;
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                                                                                                                      0; Mismatches
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; Sequence 1, Application US/09940173A
; Publication No. US20030040525A1
; GENERAL INFORMATION:
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                                    Query Match 100.
Best Local Similarity 100.
Matches 6, Conservative
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Best Local Similarity
Matches 6; Conserv
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                                                                                                                                                             100.0%; Score 6; DB 14; Length 6; 100.0%; Pred. No. 9.6e+08; tive 0; Mismatches 0; Indels
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Sequence 122 4501 to 12/26 501

Publication No. US20030032610A1

SEQUENCE INCORMATION:

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Rare, Mina

TITLE OF INVENTION: Oligomuclectides

FILE REPRENCE: 0554.1088-018

CURRENT APPLICATION NUMBER: US 08/467,012

PRIOR APPLICATION NUMBER: US 08/467,012

PRIOR APPLICATION NUMBER: US 09/540,843

PRIOR PILING DATE: 1995-06-03

PRIOR APPLICATION NUMBER: US 09/540,843

PRIOR APPLICATION NUMBER: US 09/540,843

PRIOR APPLICATION NUMBER: US 09/540,843

PRIOR APPLICATION NUMBER: PCT/US01/10162

PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2000-03-31
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Publication No. US20030032611A1
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Biler, Mark S.
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Olygonucleotides
FILE REFERENCE: 0054.1088-019
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100.0%; Score 6; DB 14; 1
Best Local Similarity 100.0%; Pred. No. 9.6e+08;
Matches 6; Conservative 0; Mismatches 0;
FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment US-10-122-630-11
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US-10-122-630-12
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TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Matches 6; Conservative
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; ORGANISM: Homo sapiens
US-10-336-265-1
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US-10-336-265-3/c
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                                                                                                                                                                          LENGTH: 6
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Sequence 12, Application US/1012633

Publication No. US20030032611A1

GENERAL INFORMATION

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Eller, Mark S.

APPLICANT: TILE OF INVENTION: Oligonucleotides

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TILE OF INVENTION: Momber: US/10/122,633

CURRENT APPLICATION NUMBER: US/10/122,633

CURRENT FILING DATE: 2002-03-31

PRIOR APPLICATION NUMBER: US 09/540,843

PRIOR PELING DATE: 2001-03-30

NUMBER OF SEQ ID NOS: 15

SOFTWARE: PASESEQ for Windows Version 4.0

SEQ ID NO 12

LENGTH: 6
                                                                                                                                                                                                                                                                                                                       Length 6;
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100.0%; Pred. No. 9.6e+08;
tive 0; Mismatches 0;
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APPLICANT: Gryaznov, Sergei
APPLICANT: Pongracz, Krisztina
APPLICANT: Polman, Richard L.
APPLICANT: Morin, Gregg B.
TITLE OF INVENTION: Oligonucleotide Conjugates
FILE REFERENCE: 072/002P
CURRENT APPLICATION NUMBER: US/10/255,535
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CTHER INFORMATION: Synthetic DNA Fragment US-10-122-633-11
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FaetSEQ for Windows Version 4.0
SEQ ID NO 11
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Publication No. US20030138814A1
GENERAL INFORMATION:
                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               6; Conservative
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Best Local Similarity
Matches 6; Conserv
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TTAGGG 6
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                                                                                                                                                                                           TYPE: DNA
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PUNCARA FILMS DATE: 2002-09-35

PERIOR PLING DATE: 2002-09-32

PERIOR PLING THEN TOORS: 327 (1002/09138

PERIOR PLING THEN TOORS: 327 (1002/09138

PERIOR PLING THEN TOORS: 327 (1002/09138

PERIOR FILMS DATE: 2001-03-32

PERIOR PLANCE TOORS: 2001-03-32

PERIOR TILES CONTRIBUTION: 01/200104/200365

PERIOR PLANCE TOORS: 2001-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-200-04-
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TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for TITLE OF INVENTION: the Elongation of Telomere Repeats TITLE OF INVENTION: the Elongation of Telomere Repeats TITLE OF INVENTION: the Elongation of Telomere Repeats CURRENT APPLICATION NUMBER: US/10/336,265 CURRENT FILIMO DATE: 2003-01-03 CURRENT FILIMO DATE: 2003-01-04 NUMBER: US 60/345,056 PRIOR APPLICATION NUMBER: US 60/345,056 PRIOR PILING DATE: 2002-01-04 SOFTWARE: Patentin version 3.2 SOFTWARE: Patentin version 3.2 SEQ ID NO 64
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Score 6; DB 15; Length 6;
Pred. No. 9.6e+08;
2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Homayoun Vaziri
TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
CONDITIONS RELATED TO
TEOLOMERE LENGTH AND/OR
TELOMERASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/232,927A
FILING DATE: 29-Aug-2002
CLASSIFICATION - UNKNOWN->
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/378,535
FILING DATE: 20-Aug-1999
APPLICATION NUMBER: 08/819,867
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM COMPATIBLE OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: PastSEQ for Windows 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
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Woodring E. Wright
Elizabeth H. Blackburn
Nam Woo Kim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Catherine M. Strahl
Michael J. Mceachern
Sequence 64, Application US/10336265
Publication No. US20030148988A1
GENERAL INFORMATION:
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NAME: Chambers, Daniel M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Michael D. West
Calvin B. Harley
Scott L. Weinrich
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%;
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STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     4; Conservative
                                                                                                                                                                                                                                                                                                                                                t TYPE: RNA
ORGANISM: Homo sapiens
US-10-336-265-64
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Best Local Similarity
Matches 4; Conserv
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1 UUAGGG 6
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TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for TITLE OF INVENTION: the Elongation of Telomere Repeats
FILE REPERBUCE: 12665.0021.NPUS01
CURRENT PILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: US 60/345,056
PRIOR PILING DATE: 2002-01-04
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PATENTIN Version 3.2
SEQ ID NO 63
                                                                                                                                                                                                                                                RESULT 13
US-10-336-265-4/c
Sequence 4, Application US/10336265
Sequence 4, Application US/10336265
Publication No. US20030148988A1
GENERAL INFORMATION:
TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for TITLE OF INVENTION: The Elongation of Telomere Repeats
TITLE OF INVENTION: The Blongation of Telomere Repeats
TITLE OF INVENTION: 12665.0021.NPUS01
CURRENT APPLICATION NUMBER: US/10/336,265
CURRENT FILING DATE: 2003-01-03
PRIOR PILING DATE: 2002-01-04
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                                                                                               Gaps
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                                             100.0%; Score 6; DB 15; Length 6; 100.0%; Pred. No. 9.6e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 6; DB 15; Length 6; 100.0%; Pred. No. 9.6e+08;
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                                                                                          0; Indels
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                                                                                               0; Mismatches
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Publication No. US20030148988A1
GENERAL INFORMATION:
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SOFTWARE: Patentin version 3.2
SEQ ID NO 4
LENGTH: 6
                                             Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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Best Local Similarity 100.
Matches 6; Conservative
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US-10-336-265-4
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ORGANISM: Homo sapiens
US-10-336-265-63
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Best Local Similarity
Matches 6, Conserv
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US-10-336-265-64
    US-10-336-265-3
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Sequence 3, Application US/10355388
Publication No. US20040013662A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL TWO POTTEY, Thomas R.
APPLICANT: Iversen, Patrick L.
APPLICANTON MUNDER: US/10/355,388
CURRENT FILING DATE: 2003-01-31
PRIOR APPLICATION NUMBER: US 09/591,380
PRIOR APPLICATION NUMBER: US 09/118,168
PRIOR APPLICATION NUMBER: US 09/118,168
PRIOR APPLICATION NUMBER: US 09/118,168
PRIOR PILING DATE: 1996-07-17
PRIOR PILING DATE: 1996-06-28
PRIOR PILING DATE: 1996-06-28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PAPLICANT: Glan Research Corp. and Berry & Associates, Inc.
TITLE OF INVENTION: Fluorescent Nitrogenous Base and Nucleosides Incorporating Same
FILE REFERENCE: 005416.00006
CURRENT APPLICATION NUMBER: 08/10/382,754B
CURRENT FILING DATE: 2003-03-06
PRIOR PLING DATE: 2002-03-08
NUMBER OF SEQ ID NOS: 10
SOFTWARE: Patentin Version 3.2
SOFTWARE: Patentin Version 3.2
LENGTH: 6
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                                                                                                                                                                                                                                                      100.0%; Score 6; DB 16; 100.0%; Pred. No. 9.6e+08;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                100.0%; Score 6; DB 17; 100.0%; Pred. No. 9.6e+08; ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                     Mismatches
                                                                                                                                          ; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-10-232-927A-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 3, Application US/10382754B Publication No. US20040009933A1 GENERAL INFORMATION:
    TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                   ·
0
                       INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 6 base pairs
                                                                                                                   TYPE: nucleic acid
STRANDEDNESS: single
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SOFTWARE: Patentin version 3.1
SEQ ID NO 3
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Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                   6; Conservative
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ORGANISM: Homo sapiens
US-10-382-754B-3
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Best Local Similarity
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ORGANISM: Artificial
FEATURE:
                                                                                                                                                                                                                                                                                                                                             1 TTAGGG 6
                                                                                                                                                                                                                                                                                                                                                                                            6 TTAGGG 1
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US-10-382-754B-3
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TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
CONDITIONS RELATED TO
TEOLOMERE LENGTH AND/OR
TELOMERASE ACTIVITY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/232,927A
FILING DATE: 29-Aug-2002
CLASSIFTCATION "CURKNOWN">
PRIOR APPLICATION NUMBER: US/09/378,535
PLING DATE: 20-Aug-1999
FILING DATE: 20-Aug-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                    100.0%; Score 6; DB
100.0%; Pred. No. 9.6
ative 0; Mismatches
                         REFERENCE/DOCKET NUMBER: 224/232 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Chambers, Daniel M.
REGISTRATION NUMBER: 34,561
REFERENCE/DOCKET NUMBER: 224/232
                                                                                                                                                                                                                                                 TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 80
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Jerry Shay
Woodring E. Wright
Elizabeth H. Blackburn
REGISTRATION NUMBER: 34,561
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Calvin B. Harley
Scott L. Weinrich
Catherine M. Strahl
Michael J. Mceachern
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-232-927A-27/c
; Sequence 27, Application US/10232927A
; Publication No. US20030190638A1
                                                                 TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                             LENGTH: 6 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                              TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 90071-2066
COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.
Matches 6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION
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APPLICANT: Sention inc.

TITLE OF INVENTION: METHODS OF DETECTING DIFFERENCES IN GENOMIC SEQUENCE
TITLE OF INVENTION: METHODS OF DETECTING DIFFERENCES IN GENOMIC SEQUENCE
TITLE OF INVENTION: METHODS OF DIAL/2052
CURRENT APPLICATION NUMBER: US/10/752,123
CURRENT FILING DATE: 2004-01-06
PRIOR APPLICATION NUMBER: US 60/439,122
PRIOR FILING DATE: 2003-01-10
NUMBER OF SEQ ID NOS: 3
SOFFWARE: Patentin version 3.2
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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                                                                                                                                                             Sequence 16, Application US/10705531
; Sequence 16, Application US/10705531
; Publication No. US20040142357A1
; GENERAL INFORMATION:
; APPLICANT: Berh Isreal Deaconess Medical Center
; TTTLE OF INVENTION: Novel Telomerase Inhibitors And Uses Therefor
; CURRENT APPLICATION NUMBER: US/10/705,531
; CURRENT FILING DATE: 2003-11-10
; PRIOR PILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: Patentin version 3.1
; SOFTWARE: Patentin version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY: misc_feature; IOCATION: (1)...(6); OTHER INFORMATION: Conserved telomeric repeat unit US-10-752-123-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 6; DB 18; I
100.0%; Pred. No. 9.6e+08;
Live 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 6; DB 18; I
100.0%; Pred. No. 9.6e+08;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: Synthetic probe
US-10-705-531-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Synthetic probe
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1, Application US/10752123 Publication No. US20040185477A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100..
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Best Local Similarity 100.
Matches 6; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 TTAGGG 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH:
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                                                                                                                                                                                                                                                                                                            Sequence 13, Application US/10181823
Publication No. US20040126752A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: GENO COPPORATION
APPLICANT: GENO COPPORATION
APPLICANT: GENO COPPORATION
APPLICANT: Schultz, Ronald G
TITLE OF INVENTION: 2, Arabino-Fluoroligonuclectide N3'-->P5' Phosphoramidates: Their BENERENCE: 049/002
CURRENT APPLICATION NUMBER: US/10/181,823
CURRENT PILING DATE: 2003-12-29
PRIOR FILING DATE: 2001-01-19
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                                                                                                                     Gaps
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Sequence 15, Application US/10705531

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Beth Isreal Deaconess Medical Center

ITLE OF INVENTION: Novel Telomerase Inhibitors And Uses Therefor

FILE REFERENCE: 2312/2008

CURRENT APPLICATION NUMBER: US/10/705,531

CURRENT APPLICATION NUMBER: US 60/290,363

PRIOR FILING DATE: 2001-05-11

NUMBER: OF SEQ ID NOS: 18

SOFTWARE: Patentin version 3.1

SEQ ID NO 15

LENGTH: 6
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                                                                       Query Match 100.0%; Score 6; DB 17; Length 6; Best Local Similarity 100.0%; Pred. No. 9.6e+08; Matches 6; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION; human telomere sequence US-10-355-388-3
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i LOCATION: (1)..(6)
corner INFORMATION: Synthetic sequence
US-10-705-531-15
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SOFTWARE: Patentin version 3.1
SEQ ID NO 13
LENGTH: 6
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US-10-181-823-13
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Best Local Similarity
Matches 6; Conserv
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Best Local Similarity
Matches 6; Conserv
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US-09-730-893-6
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DePinho, Ronald
Gerenberg, Richard
DePinho, Ronald
Gerenberg, Roger
TITLE OF INVENTION: Mouse Telomerase Reverse Transcriptase
NUMBER OF SEQUENCES: 101
CORRESPONDENCES: 101
CORRESPONDENCES:
ADDRESSE: Two memend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
GITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 9411-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: BA PC compatible
COMPUTER: BA PC compatible
COMPUTER: PATEN: PC-DOS/MS-
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/10/862,698
FILING DATE: 07-Jun-2004
DELON TOWNER: CURKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence: Synthetic; OTHER INFORMATION: Primer US-10-775-818-1
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Sequence 1, Application US/10775818

Publication No. US2004022894A1

GENERAL INFORMATION:
APPLICANT: FERWIN, SEAN M.
APPLICANT: FERWIN, SEAN M.
APPLICANT: FRONCOFF, OLEG Y.
APPLICANT: FALAZAR, MIGUEL
APPLICANT: HURLEY, LAURENCE H.
TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND
FILE REFERENCE: UTS8:679405C2
CURRENT APPLICATION NUMBER: US/10/775,818
CURRENT FILING DATE: 2004-02-10
FRIOR PRILING DATE: 2000-12-05
FRIOR APPLICATION NUMBER: 09/730,893
FRIOR FILING DATE: 1999-04-02
FRIOR FILING DATE: 1999-04-02
FRIOR FILING DATE: 1998-04-02
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APPLICATION NUMBER: US/09/042,460
FILING DATE: 16-MAR-1998
APPLICATION NUMBER: US 08/724,643
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      equence 7, Application US/10862698
ablication No. US20040253701A1
GENERAL INFORMATION:
APPLICANT: Morin, Gregg B.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity
Matches 6; Conserv
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US-10-862-698-7
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Gaps
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APPLICANT: FEDOROFP, OLEG Y.
APPLICANT: ALALZAR, MIGHEL
APPLICANT: ALALZAR, MIGHEL
APPLICANT: HURLEY, LAURENCE H.
TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND
FILE REPERENCE: UTSES:67902C1
CURRENT APPLICATION NUMBER: U5/09/730,893
CURRENT PILING DATE: 1999-04-02
PRIOR FILING DATE: 1999-04-02
PRIOR FILING DATE: 1998-04-02
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: BINDOIN, Gregory P.
REGISTRATION NUMBER: 38,440
REPERBENCE/DOCKET NUMBER: 015389-003110US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                             APPLICATION NUMBER: US 08/851,843
APPLICATION NUMBER: US 08/854,050
RILING DATE: 09-MAX-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
APPLICATION NUMBER: US 08/912,951
APPLICATION NUMBER: US 08/912,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17618
APPLICATION NUMBER: WO PCT/US97/17685
FILING DATE: 01-CCT-1997
APPLICATION NUMBER: US 08/974,549
FILING DATE: 19-NOV-1997
APPLICATION NUMBER: US 08/974,549
FILING DATE: 26-NOV-1997
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 6, Application US/09730893
Patent No. US20020107258A1
GENERAL INFORMATION:
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Best Local Similarity 100.
Matches 6; Conservative
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PRIOR APPLICATION NUMBER: 09/730,893
PRIOR FILING DATE: 2000-12-05
PRIOR APPLICATION NUMBER: 09/244,675
PRIOR PILING DATE: 1999-04-02
PRIOR PILING DATE: 1999-04-02
PRIOR PILING DATE: 1998-04-02
PRIOR PILING DATE: 1998-04-02
NUMBER OF SEQ ID NOS: 12
SOFTWARE PATENTIN VET: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: FEDOROFF, OLEG Y.
APPLICANT: SALAZAR, MIGUEL
                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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Best Local Similarity
Matches 6; Conserv
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                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FRATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-730-893-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: Synthetic OTHER INFORMATION: Primer
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                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                Length 7;
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APPLICANT: FEDOROFF, OLEG Y.
APPLICANT: SALAZAR, MIGUEL
APPLICANT: SALAZAR, MIGUEL
TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
TITLE OF INVENTION: G-QUARRUPLEK-INTERACTION COMPOUND
FILE REPRENCE: US/919202
CURRENT APPLICATION NUMBER: US/09/940,173A
CURRENT FILING DATE: 2002-06-24
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Publication No. US20040229894A1
GENERAL INFORMATION:
APPLICANT: KERWIN.
APPLICANT: SEDOROFF, OLEG Y.
APPLICANT: HURLEY, LAURENCE H.
APPLICANT: HURLEY, LAURENCE H.
APPLICANT: HURLEY, LAURENCE H.
APPLICANT: HURLEY, COURDING OF HUMAN TELOMERASE BY A TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND FILE REFERENCE: UTSB:679USC2
                                                                                                                                                                                                                                              100.0%; Score 6; DB 9; Le
100.0%; Pred. No. 8.3e+08;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 09/730, 893
PRIOR FILING DATE: 2000-12-05
PRIOR APPLICATION NUMBER: 09/244,675
PRIOR PILING DATE: 1999-04-02
PRIOR PILING DATE: 1998-04-02
PRIOR PILING DATE: 1998-04-02
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PATENTIN Ver: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 6, Application US/09940173A Publication No. US20030040525A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 6
LENGTH: 7
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Best Local Similarity 10v...
6; Conservative
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Best Local Similarity 100.
Matches 6; Conservative
NUMBER OF SEQ ID NOS: 12
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FRATURE:
7 OTHER INFORMATION: Description of Artificial Sequence: Synthetic US-10-775-818-6
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                                                                                                                                              100.0%; Score 6; DB 18; Length 7; 100.0%; Pred. No. 8.3e+08; rive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: KERNIN, SEAN M.
APPLICANT: REDOROFF, OLEG Y.
APPLICANT: SALAZAR, MIGHEL
APPLICANT: SALAZAR, MIGHEL
APPLICANT: HURLEY, LAURENCE H.
TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A
TITLE OF INVENTION: 1NHIBITION OF HUMAN TELOMERASE BY A
TITLE OF INVENTION: G-OUADRUPLEX-INTERACTION COMPOUND
FILE REFERENCE: UTSB: 679027130, 893
CURRENT APPLICATION NUMBER: US/09/730,893
CURRENT FILING DATE: 1999-04-02
PRIOR APPLICATION NUMBER: 60/073,629
PRIOR APPLICATION NUMBER: 60/073,629
PRIOR APPLICATION NUMBER: 60/073,629
PRIOR APPLICATION NUMBER: 1998-04-02
SOFTWARE: PARCHIN VOF: 2.1
SEQUENCE: AND APPLICATION OF: 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 4, Application US/09730893
Patent No. US20020107258A1
GENERAL INFORMATION:
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Sequence 19, Application US/09728574

Batent No. US20020137036A1

GRENERAL INFORMATION:
APPLICANT: Stratagene
TITLE OF INVENTION: Methods for Detection of a Target Nucleic Acid By Capture
FILE REFERENCE: 25436/1660
CURRENT APPLICATION NUMBER: US/09/728,574
CURRENT APPLICATION NUMBER: US 09/728574

FRIOR PILING DATE: 2000-11-30
FRIOR FILING DATE: 2000-11-30
FRIOR FILING DATE: 2000-11-30
SOFTWARE: Patentin version 3.0
SEQ ID NOS: 49
SOFTWARE: Patentin version 3.0
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APPLICANT: SHANKARA, SRINIVAS
TITLE OF INTENTION: PREPARATION AND USE OF SUPERIOR VACCINES
FILE REPERENCE: GAOZIUC
CURRENT APPLICATION NUMBER: US/10/033,145
CURRENT FILING DATE: 2001-11-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 8;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 6; DB 18; 1
100.0%; Pred. No. 7.2e+08;
tive 0; Mismatches 0;
                                                                      PRIOR APPLICATION NUMBER: 09/730, 893
PRIOR FILING DATE: 2000-12-05
PRIOR FILING DATE: 2000-12-05
PRIOR FILING DATE: 1999-04-02
PRIOR FILING DATE: 1998-04-02
PRIOR FILING DATE: 1988-04-02
NUMBER OF SEQ ID NOS: 12
SOFTWARE: PATENTIN VET. 2.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
NAME/KEY: bicoid DNA binding site;
LOCATION: (1)..(9)
US-09-728-574-19
                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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ORGANISM: Drosophila sp.
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US-10-033-145-56
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US-10-336-265-58

US-10-336-265-58

Sequence 58, Application US/10336265

Publication No. US20030148988A1

GENERAL INFORMATION:

APPLICANT: Kool, Eric T.

TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for TITLE OF INVENTION: Telomere-Encoding Synthetic DNA Nanocircles, and their use for TITLE OF INVENTION: Telomere-Repeats

FILE REFERENCE: 12665.0021.NPUS01

CURRENT APPLICATION NUMBER: US/10/336,265

PRIOR APPLICATION NUMBER: US 60/345,056

PRIOR FILING DATE: 2002-01-04
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                  TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A TITLE OF INVENTION: INHIBITION OF HUMAN TELOMERASE BY A TITLE OF TWENTION: G-QUARRUPLEX-INTERACTION COMPOUND; FILE REPRENCE: UTSB: G-904502

CURRENT APPLICATION NUMBER: US/09/940,173A

CURRENT FILING DATE: 2002-06-24

PRIOR PILING DATE: 2000-12-05

PRIOR FILING DATE: 1999-04-02

PRIOR FILING DATE: 1999-04-02

PRIOR APPLICATION NUMBER: 60/073,629

PRIOR PILING DATE: 1998-04-02

NUMBER OF SEQ ID NOS: 12

SOFTWARE: PATENTIN VET: 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 8;
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Publication No. US20040229894AI
REBREAL INFORMATION:
APPLICANT: KEENIN, SEAN M.
APPLICANT: FEDOROFF, OLEG Y.
APPLICANT: HUBLEAR, MIGUEL
APPLICANT: HUBLEAR, INHIBITION OF HUMAN TELOMERASE BY A TITLE OF INVENTION: G-QUADRUPLEX-INTERACTION COMPOUND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             100.0%; Score 6; DB 10; I
100.0%; Pred. No. 7.2e+08;
ative 0; Mismatches 0;
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100.0%; Pred. No. 7.2
:ive 0; Mismatches
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; ORGANISM: Chlamydomonas reinhardtii
US-10-336-265-58
HURLEY, LAURENCE H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 64
SOFWARE: Patentin version 3.2
SEQ ID NO 58
LENCTH: 8
                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 6; Conserv
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Best Local Similarity
Matches 6; Conserv
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O; Mismatches 0;
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                                                                                                                                                                                                Sequence 1694, Application US/10033145
Publication No. US200201515151
GENERAL INFORMATION:
APPLICANT: GENZYME CORPORATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESUL: 30
2-10-044-692-294
Sequence 294, Application US/10044692
Publication No. US20030096344A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Nakamura, Toru
Chapman, Karen B.
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Harley, Calvin
      100.08;
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Best Local Similarity 100.
Matches 6; Conservative
                        6; Conservative
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; ORGANISM: Homo sapiens
US-10-033-145-1694
  Best Local Similarity
Matches 6; Conserv
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                                                             1 TTAGGG 6
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                                                                                     2 TTAGGG 7
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US-10-033-145-1694
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Sublication No. US20020151515A1

GENERAL INFORMATION:

APPLICANT: GENCYME CORPORATION

APPLICANT: SHANKARA, SRINIVAS

TILLS OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES

TILLS PILLING DATE: 2001-11-05

CURRENT APPLICATION NUMBER: US/10/033,145

CURRENT APPLICATION NUMBER: PCT/US99/13800

PRIOR APPLICATION NUMBER: PCT/US99/13800

PRIOR FILING DATE: 1999-06-18

NUMBER OF SEQ ID NOS: 2137

SOFTWARE: Patentin version 3.0

SEQ ID NO 613

LENGTH: 10
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APPLICANT: SHANKARA, SILNIVAS

TITLE OF INVENTION: PREPARATION AND USE OP SUPERIOR VACCINES

FILE REFERENCE: GAOZOLC

CURRENT APPLICATION NUMBER: US/10/033,145

CURRENT APPLICATION NUMBER: PCT/US99/13800

PRIOR APPLICATION NUMBER: PCT/US99/13800

PRIOR FILING DATE: 1999-06-18

NUMBER OF SEQ ID NOS: 2137

SOFTWARE: Patentin version 3.0

LENGTH: 10
                                                                                                                                                                                                  100.0%; Score 6; DB 13; Length 10; 100.0%; Pred. No. 6.2e+05;
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PRIOR APPLICATION NUMBER: PCT/US99/13800
PRIOR FILING DATE: 1999-06-18
NUMBER OF SEQ ID NOS: 2137
SOFTWARE: Patentin version 3.0
SEQ ID NO 56
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 358, Application US/10033145; Publication No. US20020151515A1; GENERAL INFORMATION: APPLICANT: GENEYME CORPORATION
                                                                                                                                                                                              Query Match
Best Local Similarity 100.
Matches 6; Conservative
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                                                                                                                  TYPE: DNA; ORGANISM: Homo sapiens US-10-033-145-56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , ORGANISM: Homo sapiens
US-10-033-145-613
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
Matches 6; Conserv
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5 TTAGGG 10
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US-10-033-145-613
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Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
THERAPEUTIC METHODS
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APPLICANT: SHANKARA, SRINIVAS
TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
FILE REPERENCE: 400.201C
CURRENT PILING DATE: 2001-11-05
PRIOR APPLICATION NUMBER: US/10/039/13800
PRIOR APPLICATION NUMBER: 1999-06-18
NUMBER OF SEQ ID NOS: 2137
SOPTWARE: Patentin version 3.0
SEQ ID NO 1694
LENGTH: 10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 6; DB 13; Length 10
100.0%; Pred. No. 6.2e+05;
Mismatches 0; Indels
Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FO compatible
COMPUTER: TBM FO COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/044,692
FILING DATE: 11-Jan-2002
CLASSIFICATION: <understand/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Bubarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
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Sequence 41, Application US/10390045
Publication No. US20030170713A1
GENERAL INFORMATION:
APPLICANT: SRIVASCHAVA, SHIV
APPLICANT: SRIVASCHAVA, SHIV
APPLICANT: MOUL, UUDD W.
APPLICANT: SEGAMA, TAKEHIKO
APPLICANT: SEGAMA, TAKEHIKO
TITLE OF INVENTION: POYNUCLECTIDE ARRAY
TITLE OF INVENTION WINNER: US/10/390,045
CURRENT FILING DATE: 2003-03-18
FRIOR PELING DATE: 2001-01-26
PRIOR PELING DATE: 2001-01-26
PRIOR APPLICATION NUMBER: 60/179,702
PRIOR APPLICATION NUMBER: 60/179,045
PRIOR PELING DATE: 2000-01-31
NUMBER OF SEQ ID NOS: 67
SOFTWARE: PATENTING DATE: 2000-01-31
NUMBER OF SEQ ID NOS: 67
SEQ ID NO 41
LENGTH: 10
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                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 6; DB 15; I
100.0%; Pred. No. 6.2e+05;
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Best Local Similarity 100.0%; Pred. No. 6.2e+05;
Matches 6; Conservative 0; Mismatches 0;
PILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION DATE: 18-APR-1997
FILING DATE: 01-007-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
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MOLECTLE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 294:
US-10-044-539-294
                                                                                                                                                                                                                                                                                       TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                             (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 294:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 100.
Best Local Similarity 100.
Matches 6; Conservative
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US-10-390-045-41
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Publication No. US20030100093A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: HUMAN TELEMBERASE CATALVTIC SUBUNIT: DIAGNOSTIC AND
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CORRESPONDENCES: 335
CORRESPONDENCE ADDRESS:
ADDRESSE: Townsend and Townsend and Crew LIP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
ODERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/044,539
FILING DATE: 11-Jan-2002
CLASSIFICATION NUMBER: 08/912,951.
FRIJNG APPLICATION NUMBER: US 08/854,050
FILING DATE: OD-MAY-1997
APPLICATION NUMBER: US 08/851,843
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 6; DB 14; Length 10; 100.0%; Pred. No. 6.2e+05; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                    NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEFANE: (415) 576-0200
TELEFAN: (415) 576-0300
INFORMATION FOR SEQ ID NO: 294:
SEQUENCE CHARACTERISTICS:
                 FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APP-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
US 08/854,050
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 294:
                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 10 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEOUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
Matches 6; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 TTAGGG 6
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US-10-044-539-294
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